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SECOND SESSION

OF THE

TWENTIETH LEGISLATURE

OF THE

PROVINCE OF ONTARIO

SESSION 1938

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1939

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REPORT

OF THE

Minister of Public Works

FOR THE

PROVINCE OF ONTARIO

FOR THE

TWELVE MONTHS ENDING MARCH 31st, 1937

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 8

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1938

To:

THE HONOURABLE ALBERT MATTHEWS,
Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

As required by law, I submit for the information of Your Honour and the Legislative Assembly, the Annual Report of the works under the control of the Public Works Department, comprising the reports of the Deputy Minister, the Architect, Engineer, Secretary and Accountant, for the twelve months ending the 31st of March, 1937.

Respectfully submitted,

COLIN A. CAMPBELL,
Minister of Public Works.

Department of Public Works, Ontario.
Toronto, March 3rd, 1938.

REPORT

OF THE

Deputy Minister of Public Works

Honourable Colin A. Campbell.
Minister of Public Works, Ontario.

Sir,—

I have the honour to submit to you the accompanying reports of the branches of this Department for the fiscal year ending March 31st. 1937.

ARCHITECT'S BRANCH

The work of this branch for the year is summarized as follows:

In addition to the repairs and ordinary maintenance in connection with the various buildings, the Architect's Branch have had under construction for the Department of Welfare, a new residence building for girls, at the Training School for Girls, Galt, and a new residence and hospital building for boys at the Training School for Boys, Bowmanville, all of which are clearly set forth in the Architect's Report.

Expenditure, exclusive of administration expenses, are summarized as follows:

Ordinary	
Maintenance and repairs of Buildings	$ 488,514 71
Capital	
Public Buildings (mostly new construction)	170,667 84
Total	$ 659,182 55

ENGINEER'S BRANCH

Repairs were made to sixty bridges and the ordinary maintenance of locks, dams, and swing bridges was carried out. Seventy-one new bridges were constructed during the year, consisting of the following types: fifty-six timber, six steel and concrete, and nine concrete; also, four metal culverts were installed. All of the work was carried out by day labour, using local help, affording considerable assistance in localities where most needed. As far as possible all materials were purchased locally.

Expenditures are summarized as follows:

Ordinary		
Maintenance and repair work		$ 19,412 43
Capital		
Bridges (mostly new construction)	$ 40,344 95	
Municipal Drainage	3,697 53	
Grant re Cobb Lake Drain	5,000 00	
		49,042 48
Total		$ 68,454 91

OFFICE OF THE SECRETARY

During the fiscal year, twelve contracts were entered into for the repair, alterations and construction of buildings.

OFFICE OF THE ACCOUNTANT

The source of revenue is very limited consisting of commission on telegraphs and telephone and the sale of materials and properties.

SUMMARY OF REVENUE

Ordinary	$ 7,283 34
Capital	6,983 00
Total	$ 14,266 34

SUMMARY OF EXPENDITURES

Ordinary	$ 565,698 28
Capital	219,710 32
Total	$ 785,408 60

I have the honour to be, Sir,

Your obedient servant,

R. A. McALLISTER,
Deputy Minister of Public Works.

REPORT OF THE ARCHITECT

The Honourable Colin A. Campbell,
Minister of Public Works, Ontario.

Sir,—

I have the honour to report on the work done by the Architect's Branch of the Department of Public Works, Ontario, during the fiscal year, April 1st, 1936, to March 31st, 1937.

Government House:

Minor repairs have been made to the building and to roofs generally.

Parliament Buildings:

The buildings, including the Parliament Buildings, East Block, Nos. 11, 15 and 39 Queen's Park Crescent, Highways and Provincial Police Garages, 112 College Street, the Liquor Control Board Office building at 454 University Avenue, and the Labour Bureau Building at 70 Lombard Street, have been kept in repair.

In the Parliament Buildings, extensive repairs have been made to roofs. The west press room has been fitted with new telegraph tables. Toilet accommodation was provided in the east press rooms and both rooms were redecorated. The Express Office was moved from the basement to the East Block. A new teller's cage was added to the Savings Office. Minor changes were made on the fifth floor and offices there renovated. Furniture and awnings have been renovated and kept in good repair and considerable painting throughout has been done.

In the East Block, at the east court receiving room, an office was partitioned off for the Express Office moved from the Parliament Buildings. Several new glass screen partitions were erected in re-arranging offices. Boilers were overhauled and settings repaired. Additional buzzers and dictographs have been installed.

In the grounds, the greenhouses, railings, and other ironwork have been painted.

112 College Street has been leased to the Mothercraft Association.

70 Lombard Street:

The men's selection of the Labour Bureau has been painted throughout.

The Ontario Government Exhibition building, at the Canadian National Exhibition grounds, has been inspected by the Department and final payment has been made to the City. The building was not used by the Ontario Government during the annual exhibition.

Osgoode Hall:

Alterations and renovations of offices were made to provide for the office of the Official Guardian. Several offices for Judges were redecorated, including Chief Justice's and new furniture provided and existing re-upholstered and repaired. The skylight over the American Library was renewed and further repairs were made to roofs and to the masonry and brickwork. Sketch plans were prepared for extension to the library and reconstruction and fireproofing of the west wing and for additional judges' entrance and parking area.

Plans for the extension to the Law Society's wing of the building were submitted to the Department and approved. Consideration was given to the increasing of the boiler capacity and an agreement was drawn up between the Law Society and the Department in connection therewith.

The grounds on the west side of the buildings have been improved by the Law Society under their agreement with this Department.

EDUCATIONAL BUILDINGS

At the Normal and Model Schools, Toronto, several rooms have been painted and general repairs have been made to roofs, masonry, outside areas and outside steps, and to glazing.

At the Normal School, Hamilton, several of the original artificial stone sills were replaced by natural stone. The main inside stair has been overhauled. Steel beams have been installed to take suspension rods to carry landings of stair.

At the Normal School, London, changes have been made to pitch of roofs and new copper valleys have been put in to prevent the piling up of snow and other roof repairs have been made. Skylights have been reinforced and repaired. The wood steps at east and west entrances have been renewed. The fire hydrant outlets, which were an obstruction in the gymnasium, were changed to the hallways immediately adjoining.

At the Normal School, North Bay, the lecture room on the second floor was changed over to a chemical laboratory and the chemical laboratory into a class lecture room.

At the Normal School, Ottawa, repairs have been made to roofs and to heating plant.

Normal Schools at Peterborough and Stratford have had only minor repairs made.

At the Ontario School for the Deaf, Belleville, repairs were made to roofs, to the brickwork of boilers 3 and 4 and the underground steam mains and returns to hospital have been renewed. The brick horse barn was destroyed by fire and has been sold to wreckers, taken down and the site cleared. Sketches of proposed reconstruction of barn were made.

At the Ontario School for Blind, Brantford, the exterior of the girls' dormitory has been painted. The administration offices in the main building have been painted. Eaves troughing was renewed on the Principal's residence and fire escape was installed on repair shops. A stoker was installed on boiler. Frame for bell erected in main building.

The annual inspection of all boilers and heating apparatus has been made and all necessary repairs and adjustments have been done.

AGRICULTURAL BUILDINGS

Ontario Agricultural College, Guelph:

A contract was let to Robert Chapman & Sons of Mitchell for the painting of the exterior of the various barns and the work has been satisfactorily completed. The sewage plant has been re-roofed complete with new rafter boardings and shingles. Repairs to roofs and chimneys, pointing of stonework, and repairs to plaster work have been made to the Administration building, Chemistry building and Macdonald Hall.

Agricultural School, Kemptville:

Alterations were made on the basement of the main building to provide accommodation for the Dairy School. Available equipment was transferred from the Dairy School building at Kingston, which has been closed. In the students' residence, alterations have been made for cold storage accommodation and new equipment provided and installed. Extension to electric power services were carried out to take care of additional load required for a new Dairy School and refrigeration plant in the residence and to take care of the requirements for future domestic science equipment.

Agricultural School, Ridgetown:

Sketch plans were prepared for a Stock Judging Pavilion and for new barn.

Demonstration Farm, New Liskeard:

Sketch plans were prepared for proposed residence for the Superintendent.

DISTRICT BUILDINGS

Throughout the districts necessary repairs were made to the court house buildings, registry and land titles offices, lock-ups, and mining recorder's an other office buildings, and these were of a minor nature.

At the Cochrane district court house. repairs were made to the roofs and sections of the sidewalks were renewed.

In the District of Kenora, alterations were made to the lock-up section of the building at Sioux Lookout to give cell accommodation for the use of the local authority during the pleasure of the Honourable the Minister of Public Works.

In the Nipissing District, North Bay, alterations were made on the Jailor's old residence, adjoining the court house. to provide suitable accommodation for a Tuberculosis Clinic for the Department of Health.

Plans were made for an infected animal house for the Department of Health Clinic, also in North Bay.

A dwelling was rented in Bye Street, adjoining the court house, to provide office accommodation for the Department of Northern Development and alterations to heating and decorating were made. Reports were prepared on the rented offices by the various departments throughout North Bay.

At Parry Sound District buildings, extensive repairs were made to roofs and brickwork of chimneys.

Reports were made on the rented offices, occupied by the various departments throughout the town of Sudbury.

In the District of Thunder Bay, Port Arthur, new beds were supplied to the district jail and sketch plans for a new lock-up at Geraldton were prepared.

The whole of the district buildings were inspected and the annual inspection of all boilers and heating apparatus has been made and all necessary repairs and adjustments made.

ONTARIO HOSPITALS

A systematic examination throughout of all mental hospitals with special reference to fireproofing and fire protection and improved accommodation has been made.

Ontario Hospital, Brockville:

Plumbing repairs, roof repairs and improvements to office accommodation have been done.

Ontario Hospital, Cobourg:

New concrete floors have been laid in the bake shop and in passageways and stores adjoining. Repairs have been made to boiler house chimney and to roof of verandah in Superintendent's house. A contract was let for guards for protection of laundry machinery and the work has been completed.

Ontario Hospital, Hamilton:

Extensive repairs have been made to the barn on the Hickory Farm. Repairs have been made to slate roofs throughout. A new fire escape has been erected on the Nurses' Residence building and the necessary alterations in connection therewith have been made. Changes have been made to the electric service, meter and main switch, which have been placed in the pump house on Queen Street from their old position in the power house at this hospital. Agreements have been reached with the City of Hamilton Hydro Commission regarding the Main service pole lines on Queen Street and the responsibility of both parties in connection therewith. Plans for new Nurses' Residence and sketches for Reception Building were prepared.

Ontario Hospital, Kingston:

Alterations and improvements were made in the heating of the male wards in the main building by re-adjusting the original existing hot-air system, adding to it an induction fan. New piping and radiators have been added to the lavatories in this section. One of the boilers has been re-tubed. A number of windows throughout were found to be in need of renewal and these were provided with new frames and sashes of casement type to open in for cleaning and ventilation, with heavy wire protecting grilles on the outside. Other repairs to roofs and stone work were done and a sterilizing apparatus was provided and installed for the operating theatre.

Ontario Hospital, London:

Fire escapes were erected and internal and external alterations and improvements to the north cottage were made in connection with these. The same has been designed for the east cottage. A new lantern on the roof over the main kitchen has been installed to provide better lighting and ventilation. The food lift was overhauled. The brickwork of boiler was repaired. Working drawings were completed for the proposed new Reception Building.

Ontario Hospital, New Toronto:

Additional window guards were provided and installed. Alterations were made to give improved and extended accommodation in the Tuberculosis wards. New bed pan sterilizers have been supplied and installed. The electric services to this hospital and to the Provincial Clay Plant at Mimico, were supplied by the Ontario Hydro Power Commission, through one meter at the Clay Plant. A change from this arrangement to two separate meters was made by agreement with the Etobicoke Hydro Electric Power Commission in the case of the Clay Plant and with the New Toronto Hydro Commission in the case of the hospital, resulting in a saving of electric consumption charges. As an adjunct to this hospital for Tubercular mental cases, an agreement to lease the Women's Jail Farm Buildings at Concord from the City of Toronto was entered into. This building is fireproof and accommodation is provided for seventy-five patients, while accommodation is provided in an adjoining large residence building in the grounds for administration, staff and nurses' residence. Minor changes and decorating were carried out by this Department before occupancy. The complete furnishing and equipment were supplied by the Department of Health. Working drawings were prepared for an addition to Nurses' Residence.

Ontario Hospital, Orillia:

Extensions were made to the sewage disposal by forming a sludge bed over which the sewage settled before passing the effluent out into the lake. The process of chlorination was continued during the summer months.

Repairs were made to the kitchen refrigeration and timbers there renewed. The roofs of cottages A and K were repaired and the woodwork and metal work on the front main building were painted and new wire guards provided and installed on the north and south open verandahs of these cottages.

The lease of the Dunn Farm property was renewed.

A survey and reports on Beaton House property were made.

Ontario Hospital, Penetanguishene:

Further protection against escapes of inmates from the court of the building for criminally insane was made by raising the height of the wire enclosing fencing and covering the upper part with a fine heavy wire mesh. In addition to this, new gates into the court were installed and the old double gate arrangement done away with. A fine heavy wire mesh guard was also installed at the north end of the court above the low roofs to prevent climbing and fine mesh guards were also added to the court windows for the same purpose.

A new washing machine was provided and installed in the laundry.

Ontario Hospital, Toronto:

A portion of the passageway from kitchen to main building was rebuilt. The plaster ceiling of corridor on ward five was renewed and wholly replastered on wire lath. A new steam kettle was provided and installed in the kitchen and repairs to laundry machinery were carried out. Fire destroyed the upper part of the lantern on the centre dome. The lantern was removed but not rebuilt in carrying out repairs. Sketches were prepared for proposed elevator.

Ontario Hospital, Whitby:

Extensive replastering repairs were made in the Administration building and original plaster removed. Repairs were made to brick chimneys and to the heating system and fire hose was renewed in Cottage B.

Ontario Hospital, Woodstock:

Repairs were made to roofs. Sketch plans of studies for Children's Unit and working drawings of New Nurses' Residence were prepared.

Ontario Hospital, Fort William:

The alterations described in last year's report were completed and the buildings occupied. The barn was burned down and only the foundation walls remain. Sketches have been made for its construction.

WELFARE BUILDINGS

Boys' Training School, Bowmanville:

Plans and specifications were prepared and tenders were called for a Hospital and Reception Building. The building, in keeping with other buildings on the campus, is of brick, the upper walls of which are roughcast. The building is fireproof throughout and is of basement and two stories in height. The basement contains mechanical equipment storage rooms and a recreation room for use only in stormy weather.

The first floor, or reception section, provides accommodation for two dormitories for a total of sixteen boys, together with day room, locker rooms, linen, clothing and utility rooms, lavatories and bathrooms, and a staff suite consisting of living room, two bedrooms, kitchen and bathroom.

The second floor, or hospital section, provides accommodation for one three-bed ward and three single bedrooms, waiting room, doctor's office, dentist's office, dispensary, diet kitchen, lavatories and bathroom and an outside roof sun balcony.

The building is so arranged that it can eventually be used as a hospital only without any alterations or rearrangement.

Contracts were awarded as follows:

General contract to Gay & Company Ltd.. Oshawa.
Contract for Plumbing to Geo. C. Abbott of Toronto.
Contract for Heating to John Conley of Lindsay.
Electric Wiring contract to Ontario Electric Construction Company of Toronto.

The work was begun on August 28th.

To meet the heating requirements of the enlarged institution, a new boiler has been installed. This is a water tube boiler of 225 h.p. capacity. The contract was awarded to E. Leonard & Sons of London. The new boiler is of sufficient capacity to alone provide the steam required for the whole institution. The original H. R. T. boilers have been retained as a stand-by.

Repairs of an extensive nature have been made to the deck roofs of the Kiwanis Lodge. The original insulation has been replaced by cork and flashings have been renewed.

Windows in Triple Dormitory have been furnished with heavy protective wire screens to prevent escapes.

Girls' Training School, Galt:

Plans and specifications were prepared and tenders were called for an additional Dormitory Building to continue the original general scheme for the development of this institution.

The new building. built on the south side of the campus is similar in design to the single dormitories previously erected except that the accommodation is equal to the two single dormitory buildings and is provided in one large building with a central dining hall and kitchen. The building is fireproof throughout: is built of brick with cut stone trimming and a slated roof.

The basement provides a recreation room and storage rooms. laundry and laundry stores with direct exit to the drying yards on the south side of this building.

The first floor provides a central dining hall and central kitchen behind with pantries, stores and scullery. Two day rooms are arranged at the extreme east and west ends of the building. and there are twelve single rooms for girls, officers' sitting and bedrooms, visitors' room, two coat rooms, lavatories and utility rooms.

The second floor provides thirty-seven single rooms, one dentist's room, two units of lavatories and bathrooms, and a special treatment bathroom; three bedrooms for officers with bathroom and sitting room; linen room and utility room. Each child has a separate bedroom fitted with hanging wardrobe, bureau. bedstead and chair and shelf for work. Doors are protected by alarm bell system. The total accommodation provided for girls is fifty-nine and the building is so planned that segregation into at least five groups can be readily made.

Contracts were awarded as follows

General contract to G. H. Thomas & Sons of Galt.
The Plumbing and Heating contracts to Universal Plumbing and Heating of Windsor.
The Wiring contract to Harris & Marsen of Toronto.

The work was begun on August 23th.

Sketches were also prepared for staff residence building and for extension to the School Building to provide office accommodation and for the Reception Building to provide further hospital facilities.

Victoria Industrial School. Mimico:

With the exception of the Beverley Jones Cottage and the barns, the remaining buildings have been sold to wreckers and demolished, and the site has been cleared. The property has been transferred to the Department of the Provincial Secretary to be used as a prison colony and the Beverley Jones Cottage has been fitted up by that Department for custodial purposes.

Alexandra School for Girls:

The buildings comprising this institution have been sold to wreckers and the whole of the buildings have been demolished and the sites cleared. This property has been listed for sale.

Dafoe Hospital. Callander:

Further developments in connection with the Dafoe Hospital, the home of the Dionne Quintuplets at Callander, were made. These consisted of first the preparation of plans and specifications for an enclosed Play Yard for the receiving of the infants by the public so that the children could be observed unconscious of the onlookers. This is controlled by a semi-circular covered passageway forming practically three sides of the play yard in which fine screened opening are provided that prevent any one on the outside seeing those behind the screen. The ground inside this enclosure was made up to provide a level sward with a brick wading pool in the center and filled with swings and other play apparatus. The fourth side is screened by a pergola.

A staff residence for male and female nurses and attendants has also been erected. This building is of frame on a stone cellar foundation and contains bedrooms, bathrooms and two sitting rooms and is divided as a semi-detached cottage.

A comfort station for men and women visitors has also been erected. This building also is of frame. A new well has been sunk in the rock and an electric pump has been installed for water distribution. The sewage system has been extended and overhauled. Electric services have been extended on the grounds.

The whole of the work has been carried out by the Guardians under contract, under supervision by this Department and under the direction of the Department of Health in the matter of water supply and sewage disposal systems.

The Department of Welfare called for competitive architectural designs for housing and the scheme of building was carried out under the supervision of Mr. J. M. Philip, Superintendent of Construction of this Department, whose services were loaned to the Department of Welfare for that period. In all the sum of fourteen houses in the neighbouring townships of Toronto were erected.

REFORMATORIES

Industrial Farm, Burwash:

At the Industrial Farm, Burwash, a further extension of the Main Building as described in last year's report has been begun from plans and specifications prepared by this Department. The work of construction was begun on May 28th and is being carried out by inmate labour directed by skilled mechanics of the various trades under the supervision of the Provincial Secretary's Department.

Sketches have been prepared for double cottages for married men in the capacity of guards and other married officials in residence.

Ontario Reformatory, Guelph:

Plans and specifications and details for the Assembly Hall described in last year's report have been completed and the work of construction is being carried on by inmate labour under the supervision of the Provincial Secretary's Department.

Working drawings have been prepared for the strengthening and enlarging of the reservoir and the work is being carried on by inmate labour under the direction of the Provincial Secretary's Department. Sketch plans were prepared showing interior alterations to Reformatory.

Ontario Reformatory, Mimico (Brick and Tile Plant):

Plans and surveys have been made for the widening of Kipling Avenue from Evans Avenue to Horner Avenue, a width of sixty-six feet.

Changes have been made to the electric service whereby the power is now taken from the Municipality of Etobicoke in place of the Hydro Electric Power Commission which formerly supplied this institution and the Ontario Hospital, New Toronto, through one meter.

Mercer Reformatory:

The boiler plant at this institution has been thoroughly remodelled and new stokers have been supplied and installed. The work was done under contract by the Livingston Stoker Company.

Reports have been made to the Department of Health on the following subjects and include examination of plans of proposed hospital buildings, alterations and sites for hospitals or institutions other than Provincial hospitals.

General Hospital, Belleville.
St. Lawrence Sanatorium, Cornwall.
Private Hospital, Geraldton.
Calador Sanatorium, Gravenhurst.
General Hospital, Galt.
Hanover Memorial Hospital, Hanover.
St. Paul's Hospital, Hearst.
Kitchener-Waterloo Hospital, Kitchener.
Memorial Hospital, Listowel.
Women's Convalescent Rest Home, Port Credit.
St. Joseph's Hospital, Parry Sound.
Central Hospital, Patricia Gold Mines.
St. John's Convalescent Hospital, Aurora.
General Hospital, Strathroy.
St. Michael's Hospital, Toronto.
Wood Sanatorium, 43 Wellesley Street, Toronto.
Internes' Residence, Western Hospital, Toronto.
Nurses' Residence, General Hospital, Woodstock.
Hospital for Sick Children, Toronto.

Reports have been made to the Department of Education for the guidance of Rural School Boards and stock sketch plans have been issued illustrating types of schools which comply with the Regulations.

The following is a list of the places dealt with:

Capreol Public School.
High School, Kirkland Lake.
Consolidated School, Little Current.
Mandonte, Simcoe County.
Public School, Cayuga, Ontario.

Strathcona Public School. Owen Sound.
S. S. No. 7—Burgess and 18 Bathurst.
S. S. No. 3—Robbilard. Charlton.
Thundred Bay District.
Tara School Board.
Waubaushene Public School.
S. S. No. 5—Westminster.
S. S. No. 15—Winchester.

ONTARIO SAVINGS OFFICES

New premises for existing branches have been leased and fitted up and equipped for Ontario Savings Offices at Brantford, 136 Dalhousie Street: Hamilton, 22 King Street, E.; and New Market, 98 Main Street. At Hamilton the old Market Branch was restored as store premises according to term of lease. Premises for a new branch has been leased and fitted up at 452 Queen Street, Niagara Falls, and sketches for proposed branches have been made. Leases for existing branches have been renewed at Seaforth and St. Catharines and relettering, painting and minor alterations to banking rooms have been done including the Parliament Buildings branch, and signs have been installed.

General:

New leases have been drawn up with the several hydro authorities for electric power, to arrive at some system of conformity throughont the various institutions and especially in the case of the Ontario Clay Plant and the Ontario Hospital, New Toronto.

The inspection of the power plants throughout has been made and reported on and repairs made where necessary. For the Liquor Control Board an inspection was made of the Central Warehouse and report prepared on the heating system.

George White,
Architect.

Department of Public Works, Ontario.

Toronto. March 31st. 1937.

DEPARTMENT OF PUBLIC WORKS
ENGINEER'S OFFICE

Toronto, Ontario, March 3rd, 1938.

HONOURABLE COLIN A. CAMPBELL,
Minister, Department of Public Works,
Toronto, Ontario.

Sir:

I have the honour to report on the work of the Engineer's Branch of the Department of Public Works, for the twelve month period, from April 1st, 1936, to March 31st, 1937.

As usual all work was done by day labour, under local foremen employing local men. Most of the bridges built were of timber and the material for these was purchased locally, where ever possible.

During the year there were 56 timber bridges, six of steel and concrete, nine of concrete and four metal pipes were installed. Sixty bridges were repaired and the usual maintenance of locks, dams, and swing bridges was carried on.

Maintenance work was as follows:

NIPISSING DISTRICT

Eight timber bridges were repaired.

PARRY SOUND DISTRICT

Three timber bridges were repaired and Deer Lake Dam was repaired.

MUSKOKA DISTRICT

Ten bridges were repaired and the locks, dams, swing bridges and canals were kept in working order.

HALIBURTON DISTRICT

Eleven timber bridges were repaired.

HASTINGS DISTRICT

Two timber bridges were repaired and the dam at Weslemkoon Lake was repaired.

ADDINGTON DISTRICT

Three timber bridges were repaired.

RENFREW SOUTH DISTRICT

Nine timber bridges were repaired.

RENFREW NORTH DISTRICT

Four timber bridges were repaired.

Municipal Bridges were built as follows:

NIPISSING DISTRICT

Six timber bridges were built and a new concrete floor put on the steel bridge in the Town of Mattawa.

PARRY SOUND DISTRICT

Whitestone Bridge, McKenzie Township.—A new steel and concrete bridge was built at this site. It consists of two steel girder spans, 42 feet long each, and rests on concrete foundations. It has a concrete floor and an 18 foot roadway. About 25 feet was filled in at the east end. Steel cable guard railings were placed on the bridge and approaches.

SAND LAKE BRIDGE

Proudfoot Township.—This is a steel and concrete bridge and consist of a 70 foot steel span, resting on concrete piles. The concrete piles were driven last fall but the steel was not erected as the concrete work could not be carried out during the winter. It will be completed and ready for summer traffic in 1937.

RYERSON SWING BRIDGE

A new plank floor was put on this bridge.

Four timber bridges were built in this District.

MUSKOKA DISTRICT

Eight timber bridges were built in this District.

SIMCOE EAST

Avon River Bridge, Lot 6, Con. IX, Medonte Township.—A new concrete floor was put on the old concrete abutments and cable guard railings put on.

Coldwater River Bridge, Lot 16, Cons. X and XI, Medonte Township.—This is a steel girder bridge 21 feet long on concrete abutments. It has a concrete floor and steel cable guard railings.

Hog Creek Bridge, Lot 80, Con. II, Tay Township.—This is a concrete slab bridge of 12 foot clear span on concrete abutments. It has steel cable guard railings.

Willow Creek Bridge, Lot 16, Cons. II and III, Oro Township.—This is a concrete beam bridge with a 22 foot clear span on concrete abutments. It has an 18 foot roadway and steel cable guard railings were provided.

ORILLIA TOWNSHIP CULVERTS

Two concrete culverts of five foot openings were built in this Township.

SIMCOE CENTRE

Willow Creek Bridge, Lot 8, Con. VI, Vespra Twp.—A timber bridge 25 feet long was built at this site.

HALIBURTON DISTRICT

Twelve Mile Lake Bridge.—This is a steel truss span 80 feet long on concrete abutments. It has a concrete floor and a 24 foot roadway. Long fills were required at each end of the bridge for the approaches. These have steel cable guard railings on each side.

Four timber bridges were built in this District and one metal pipe was installed.

PETERBORO DISTRICT

Two small timber bridges were built in this district.

HASTINGS DISTRICT

Moores Bridge. Herschell Township.—This bridge consists of three steel girder spans 45 feet long each. The piers and abutments were constructed by driving precast concrete piles and capping them with concrete to form bridge seats. The caps and piles are strongly reinforced with steel bars. The floor is concrete and roadway 18 ft. clear width. It is provided with steel cable guard railing which extends out over the approaches. Heavy fills were required to make the approaches as the bridge was built upstream from the old one, in order to straighten the road.

Goose Creek Bridge. Lot 28. Cons. VIII and IX. Hungerford Township.—This is a steel girder bridge 22 feet long resting on concrete abutments. It has a concrete floor and steel cable guard railing.

Mayo Township Float Bridge.—The old timber bridge at this site had become badly decayed and unsafe for traffic. The old bridge was 150 feet long and it was decided to make a fill and put in a small culvert to take care of the water.

ADDINGTON DISTRICT

Bedford Township Culvert. Lot 30. Con. IV.—This is a concrete culvert with an 8 x 8 foot opening. There is a four foot fill over the culvert and a steel cable guard railing is provided on the fill and approaches.

Oso Township Culvert. Lot 3, Cons. IV and V.—This is a concrete culvert of 10 foot opening and provided with steel cable guard railing.

Glendower Culverts. Bedford Township.—Two concrete culverts of 12 foot openings were built here and have steel cable guard railings.

Three timber bridges were built in this District and Fish Creek Bridge in Bedford Township was repaired.

SOUTH RENFREW

Twenty-three timber bridges were built, one metal pipe installed and four bridges repaired in this District.

NORTH RENFREW

Two timber bridges were built, 2 metal pipes installed, and one bridge repaired in this District.

MUNICIPAL DRAINAGE WAS AS FOLLOWS:

Nipissing	$ 510 75
Parry Sound	499 37
Muskoka	395 32
East Simcoe	448 40
Centre Simcoe	299 90
Haliburton	499 86
Peterborough	303 10
Hastings	90 20
Addington	46 90
Renfrew North	400 03
Renfrew South	203 70

I have the honour to be, Sir,

Your obedient servant.

J. W. Hackner.
Assistant Engineer.

Toronto, Ontario, February 3rd, 1938.

HONOURABLE COLIN A. CAMPBELL,
Minister of Public Works, Ontario.

Sir,—

I have the honour to submit the following statement showing the several contracts entered into with His Majesty during the twelve months ending March 31st, 1937, in connection with the Public Buildings and Works, subject to the control of the Public Works Department of Ontario.

I have the honour to be, Sir,

Your obedient servant,

DIGBY HORRELL,
Secretary and Purchasing Agent.

STATEMENT No. 19

Showing the several contracts entered into with His Majesty during the twelve months ending the 31st of March, 1937, in connection with the Public Buildings and Works, subject to the control of the Public Works Department, Ontario.

Date	Work	Subject of Contract	Contractors	Amount
1936 May 30	Fort William, Ontario Hospital	Supply and installation of Refrigeration Equipment	Canadian Ice Machine Company Limited, Toronto	$ 1,895 00
May 30	Toronto, Mercer Reformatory	Resetting of Boiler and installing Stoker	The Livingston Stoker Company Limited, Hamilton	6,960 00
July 10	Bowmanville, Boys' Training School	Supply and installation of Boiler, Boiler Setting, Stoker and Forced Draft Equipment	E. Leonard & Sons, Limited, London	11,144 00
Aug. 18	Guelph, Ontario Agricultural College	Painting of Barns and other Farm Buildings.	Robert Chapman, Mitchell	2,934 65
Aug. 28	Galt, Girls' Training School	General Trades in connection with the construction of a Dormitory Building	George H. Thomas & Son, Limited, Galt	59,953 00
Aug. 28	Bowmanville, Boys' Training School	General Trades in connection with the construction of Hospital and Reception Building	Gay Company Limited, Oshawa	31,000 00
Aug. 29	Bowmanville, Boys' Training School	For the Plumbing required for the Hospital and Reception Building under construction.	George C. Abbott Limited, Toronto	3,524 00
Aug. 29	Bowmanville, Boys' Training School	For the installation of Heating System in Hospital and Reception Building under construction	John Conley, Lindsay	3,169 00
Aug. 31	Galt, Girls' Training School	Installation of Plumbing and Heating Dormitory Building now under construction	The Universal Plumbing and Heating Company Limited, Windsor	13,675 00
Oct. 28	Bowmanville, Boys' Training School	For the completion of Electrical Work required in connection with construction of Hospital and Reception Building	Ontario Electrical Construction Company Limited, Toronto	1,586 00
Oct. 28	Galt, Girls' Training School	For the completion of Electrical Work in connection with construction of Dormitory Building	Harris and Marson, Toronto	4,740 00
Nov. 4	Kemptville, Ontario Agricultural School.	For the Alterations to Main Building for Dairy School and Refrigeration Rooms in Students' Residence	Dominion Concrete Company, and Holmes Construction Company, Kemptville	1,920 00

Digby Horrell,
Secretary and Purchasing Agent.

STATEMENTS

OF THE

Accountant of Public Works

1937

Department of Public Works. Ontario.

Toronto. December 10th. 1937.

Honourable Colin A. Campbell.
Minister of Public Works.

Sir:

I have the honour to submit detailed statements of Ordinary Expenditure of Civil Government and Maintenance and Repairs Government Buildings and Public Works; also Capital Expenditure on Provincial Public Buildings and Public Works, during the fiscal year which ended on the 31st of March. 1937.

I have the honour to be, Sir.

Your obedient servant.

C. Kentleton.
Accountant Public Works.

SUMMARY OF EXPENDITURE

FOR FISCAL YEAR APRIL 1st, 1936, TO MARCH 31st, 1937

Service	Ordinary	Capital	Total
Main Office—Administration expenses, etc.	$ 57,771 14		$ 57,771 14
Maintenance and Repairs, Government Buildings	488,514 71		488,514 71
Public Works—Bridges, Drainage, etc.	19.412 43	44,042 48	63,454 91
Public Buildings		170,667 84	170,667 84
Special Warrant—Cobb Lake Drain		5,000 00	5,000 00
TOTAL NET EXPENDITURE	$565.698 28	$219,710 32	$785,408 60

STATEMENT OF REVENUE

MAIN OFFICE:

Service	Ordinary	Capital	Total
Commission on telegraphs and telephones	$ 3.136 01		$ 3,136 01
Sale of material	3,339 54		3,339 54
Building equipment	177 10		177 10
Refunds—Miscellaneous	630 69		630 69
Sale of property		5,275 00	5,275 00
Deposits re Guarantee of Contracts		1,708 00	1,708 00
	$ 7,283 34	$ 6.983 00	$ 14.266 34

Toronto, May 27th, 1937.

C. KENTLETON,
Accountant.

STATEMENT OF EXPENDITURE, MAIN OFFICE, MAINTENANCE, REPAIRS AND CONSTRUCTION OF PUBLIC BUILDINGS AND PUBLIC WORKS FOR FISCAL YEAR ENDING MARCH 31st, 1937

ORDINARY

Service	Amount	Amount
MAIN OFFICE:		
Salaries—Permanent	$ 59,384 54	
Maintenance	5.743 84	
Travelling expenses	1.560 65	
Insurance and lightning rods	100 41	
Local Improvement Taxes	450 13	
	$ 67,239 57	
Less: Repayment for Blueprinting—Various Departments	9,468 43	
		$ 57.771 14
GENERAL SUPERINTENDENCE:		
Salaries—Permanent	$ 21,996 41	
Services, travelling and other expenses	8,980 71	
Contingencies	27 33	
		31.004 45
GOVERNMENT HOUSE:		
Salaries—Permanent	$ 9,975 52	
Pay List—Gardeners, Firemen and other help, repairs to grounds, etc.	3.820 19	
Water, fuel, light and power	4.638 47	
Repairs, contingencies	2.697 00	
Furniture and furnishings	432 47	
Uniforms for messengers	148 00	
Telephone service	797 18	
	$ 22.508 83	
Less: Perquisite	486 00	
		22.022 83

LEGISLATIVE AND DEPARTMENTAL BUILDINGS:

Salaries—Permanent		$ 111,761 20	
Water and fuel		25,144 17	
Electric power and light current and gas		20,491 03	
Cleaning of buildings, upkeep and development of grounds		109,040 32	
Maintenance, repairs and alterations		64,536 65	
Furniture and furnishings and equipment for buildings		225 78	
Flowers, shrubs, plants, etc.		488 60	
Uniforms for messengers, attendants, etc.		99 00	
Telephone service		33,544 16	
Fire protection		28 17	
Rental of property and office space		1,215 00	
Typewriter inspection and repairs		3,225 27	
Sewage Experimental Station, Toronto, repairs		24 87	
454 University Avenue, Toronto, repairs and incidentals		753 45	
		$ 370,577 67	
Less: Rentals	$ 43,691 25		
Less: Perquisites	1,260 00		
		44,951 25	
			325,626 42

OSGOODE HALL:

Salaries—Permanent	$ 6,634 43	
Fuel, light, water and power	4,245 19	
Furniture, furnishings and equipment	986 31	
Telephone service	2,688 30	
Cleaning of building and incidentals	9,373 22	
General repairs and alterations	5,104 73	
	$ 29,032 18	
Less: Perquisite	606 00	
		28,426 18

EDUCATIONAL BUILDINGS:

Toronto Normal and Model Schools:		
Repairs and incidentals	$ 1,942 62	
Ottawa Normal and Model Schools:		
Repairs and incidentals	1,301 51	
London Normal School:		
Repairs and incidentals	804 54	
Hamilton Normal School:		
Repairs and incidentals	965 05	
Peterborough Normal School:		
Repairs and incidentals	52 38	
Stratford Normal School:		
Repairs and incidentals	67 92	
North Bay Normal School:		
Repairs and incidentals	96 86	
Belleville School for the Deaf:		
Repairs and incidentals	1,908 43	
Brantford School for the Blind:		
Repairs and incidentals	3,125 54	
Ontario Training School for Technical Teachers, Hamilton:		
Repairs and incidentals	121 15	
General:		
Repairs and incidentals to boilers, etc.	1,560 70	11,946 70

AGRICULTURAL BUILDINGS:

Ontario Agricultural College, Guelph:	
Repairs and incidentals	4,386 33

Ontario Veterinary College, Guelph:		
Repairs and incidentals	196 65	
Horticultural Experimental Station, Vineland:		
Repairs and incidentals	479 43	
Western Ontario Experimental Farm, Ridgetown:		
Repairs and incidentals	433 22	
Agricultural School, Ridgetown:		
Repairs and incidentals	51 55	
Eastern Dairy School, Kingston:		
Repairs and incidentals	13 10	
Agricultural School, Kemptville:		
Repairs and incidentals	4,959 24	
General:		
Repairs and incidentals to boilers, etc	227 99	10,747 51

WELFARE BUILDINGS:

Ontario Training School for Boys, Bowmanville:		
Repairs and incidentals	1,852 35	
Ontario Training School for Girls, Galt:		
Repairs and incidentals	272 35	
Victoria Industrial School, Mimico:		
Repairs and incidentals	45 00	
Alexandra Industrial School, Toronto:		
Repairs and incidentals	94 44	
General:		
Repairs and incidentals to boilers, etc	54 60	2,318 74

DISTRICT BUILDINGS:

Algoma:		
Repairs and alterations, furniture and furnishings and improvements to grounds to all District Buildings	653 72	
Cochrane:		
Repairs and alterations, etc	463 83	
Kenora:		
Repairs and alterations, etc	637 68	
Manitoulin:		
Repairs and alterations, etc	71 88	
Muskoka:		
Repairs and alterations, etc	335 55	
Nipissing:		
Repairs and alterations, etc	447 63	
Parry Sound:		
Repairs and alterations, etc	1,009 00	
Rainy River:		
Repairs and alterations, etc	446 90	
Sudbury:		
Repairs and alterations, etc	1,171 52	
Temiskaming:		
Repairs and alterations, etc	663 34	
Salary of Caretaker	678 39	
Thunder Bay:		
Repairs and alterations	1,144 80	

General:		
To provide for repairs, installation of boilers and heating plants in Districts and fire protection	1,008 52	8,732 76
ONTARIO HOSPITALS AND REFORMATORIES:		
Brockville:		
Repairs and incidentals	961 63	
Cobourg:		
Repairs and incidentals	1,075 60	
Hamilton:		
Repairs and incidentals	7,013 43	
Kingston:		
Repairs and incidentals	6,570 18	
London:		
Repairs and incidentals	6,259 99	
New Toronto:		
Repairs and incidentals	5,603 53	
Orillia:		
Repairs and incidentals	2,382 17	
Penetanguishene:		
Repairs and incidentals	4,692 21	
Toronto:		
Repairs and incidentals	3,136 07	
Toronto Psychiatric:		
Repairs and incidentals	163 24	
Whitby:		
Repairs and incidentals	2,080 39	
Woodstock:		
Repairs and incidentals	790 68	
Mercer Reformatory:		
Repairs and incidentals	6,960 00	47,689 12
Public Works and Bridges:		
Equipment, instruments, machinery, scows, boats, rubber boots, motor trucks and cars	1,258 70	
Lockmasters, bridgetenders, caretakers, etc.	4,672 75	
Maintenance of locks, dams, bridges, dredging, etc., including Hawkesbury-Grenville bridge	11,296 65	
Wages and expenses of supervising foremen	2,184 33	19,412 43
TOTAL ORDINARY EXPENDITURE		$ 565,698 28

CAPITAL

PUBLIC BUILDINGS:		
Legislative and Departmental Buildings:		
To provide additional accommodation	$ 779 74	$ 779 74
AGRICULTURAL BUILDINGS:		
Western Ontario Experimental Farm, Ridgetown:		
Farm Buildings		4,273 50
WELFARE BUILDINGS:		
Ontario Training School for Boys, Bowmanville:		
New Boiler and improvements to heating plant	11,352 93	
Construction of new building	35,781 37	
Ontario Training School for Girls, Galt:		
Construction of new building	60,762 95	107,897 25

ONTARIO HOSPITALS:

Fort William:		
Additions and new equipment	4,358 65	4,358 65

MISCELLANEOUS:

Ontario Government Building, Exhibition Park, Toronto. Grant to City of Toronto	50,000 00	50,000 00

MISCELLANEOUS REFUNDS:

Refund of Deposits with tenders	3,358 70	3,358 70
TOTAL PUBLIC BUILDINGS		$ 170,667 84

PUBLIC WORKS AND BRIDGES:

Cutting and purchase of timber and construction materials		$ 1,743 48

MUNICIPAL BRIDGES:

Admaston Township Bridge	$ 436 75
Alice-Petawawa TownLine Culvert	505 57
Armour Township Bridge	101 75
Avon River Bridge, Medonte Township	237 22
Bedford Township Bridge, Con. 4, Lot 30	885 88
Black Donald Bridge, Brougham	135 93
Blind Line Bridge, Stevenson Township	100 39
Blythfield Township Bridge, Lot 12, Con. 3	142 00
Boulter-Bonfield Town Line Bridge	141 57
Brougham Township Bridge	138 48
Brudenal Township Bridge, Lot 30	103 04
Brudenal Township Bridge, Lot 31	173 54
Byers Creek Bridge, South Algoma Township	46 00
Calabogie Bridge, Bagot Township	249 20
Centre Lake Bridge, Lot 15, Con. 16, Guilford Township	134 40
Chapman-Lount Town Line Bridge	60 02
Clarendon Township Bridge	17 00
Coldwater River Bridge, Medonte Township	1,344 95
Constaw Creek Bridge, Grattan Township	105 61
Cranberry River Bridge, Guilford Township	29 47
Crockford Creek Bridge, Draper	55 21
Elbow Lake Bridge, Olden Township	829 22
Eldon Township Bridge, Con. 8	200 50
Fish Creek Bridge, Bedford Township	403 83
Galway Township Bridge	116 25
Glendower Culvert, Bedford Township	994 13
Goose Creek Bridge, Hungerford	645 74
Gratton Township Bridge, Lot 19	278 76
Hagarty Township Bridge	223 78
Hog Creek Bridge, Tay Township, Lot 80, Con. 2	970 91
Hurricane Creek Bridge, Guilford	158 15
Jack Lake Bridge, Burleigh Township	195 20
Kelly Bridge, Sebastopol	12 00
Kmit, George Bridge, Laurier	88 00
Mattawa Bridge	1,007 49
Mattawan Township Bridge, Lot 23, Con. 12	56 91
Mattawachan Township Bridge	241 40
Mayo Township Float Bridge	799 60
Minden Township Bridge	286 63
Moore's Bridge, Herschell Township	4,934 48
Muskrat Creek Bridge, Stafford Township	161 35
McKellar Township Bridge	151 98
Nichol Creek Bridge, Stevenson Township	334 24
Olden Township Bridge, Lot 8	190 55
Orillia Township Culvert	1,157 65
Oso Township Culvert, Lot 3	966 30
Papineau Township Bridge, Lot 8, Con. 10	26 80
Papineau Township Bridge, Lot 23, Con. 8	58 81
Proudfoot Creek Bridge	88 45

Radcliffe, Creek Bridge, Lot 7, Con. 5, Combermere	284 60	
Radcliffe Township Culvert	114 19	
Raglan Township Bridge	689 70	
Ridout Township Bridge	187 00	
Ross Township Bridge	215 00	
Ryerson Swing Bridge, Ryerson Township	301 59	
Sand Lake Bridge, Proudfoot Township	1.069 70	
Sandy Creek Bridge, Sebastopol Township	55 09	
Sebastopol-Kelly Bridge, Sebastopol Township	15 90	
Sherwood Township Bridge	95 11	
Smith's Bridge, Mattawan Township	180 25	
South Algoma Township Bridge	177 40	
Spark's Creek Bridge, Bonfield Township	193 54	
Sucker Creek Bridge, Watt	227 66	
Ten Mile Creek Bridge, Franklin	95 94	
Twelve Mile Lake Bridge, Minden Township	7.128 76	
Watt Township Bridge	78 11	
Walsh Creek Bridge, Sebastopol Township	106 22	
Westmeath-Bromley Townline Bridge	151 23	
Whitestone Bridge, McKenzie Township	3.972 66	
Wilberforce Township Bridge	321 23	
Willow Creek Bridge, Oro Township	1.238 11	
Willow Creek Bridge, Vespra Township	199 70	
Wilno Bridge, Sherwood	42 91	
Wood Lake Dam and Bridge, Oakley	416 78	38.281 47
Hawkesbury-Grenville Bridge—Contribution		320 00

MUNICIPAL DRAINAGE:

Addington	46 90	
Centre Simcoe	299 90	
East Simcoe	448 40	
Haliburton District	499 86	
Hastings	90 20	
Muskoka District	395 32	
Nipissing District	510 75	
Parry Sound District	499 37	
Peterborough	303 10	
Renfrew North	400 03	
Renfrew South	203 70	3.697 53

SPECIAL WARRANT:

Cobb Lake Drain	5.000 00
TOTAL BRIDGES AND DRAINAGE	$ 49,042 48

SUMMARY

ORDINARY EXPENDITURE:

Main Office and Maintenance and repairs of Government Buildings and Public Works		$ 565.698 28

CAPITAL EXPENDITURE:

Bridges, Drainage	$ 49.042 48	
Public Buildings	170.667 84	
		219.710 32
GRAND TOTAL		$ 785 408 60

C. KENTLETON,
Accountant.

Department of Public Works, Ontario,
TORONTO, May 27th, 1937.

Thirtieth Annual Report

OF THE

Game and Fisheries Department

1936-1937

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 9, 1938

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1938

TO THE HONOURABLE ALBERT MATTHEWS,
Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

I have the honour to submit herewith for the information of Your Honour and the Legislative Assembly, the Thirtieth Annual Report of the Game and Fisheries Department of this Province, for the year ended March 31st, 1937.

I have the honour to be,

Your Honour's most obedient servant,

H. C. NIXON,
Minister in Charge,
Department of Game and Fisheries

Toronto, 1938.

THIRTIETH ANNUAL REPORT

OF THE

Game and Fisheries Department of Ontario

TO: THE HONOURABLE H. C. NIXON,
Minister in charge,
Department of Game and Fisheries.

SIR:—

I have the honour to submit to you in this and the following pages the Thirtieth Annual Report of the Department of Game and Fisheries, outlining the activities of Departmental services for the fiscal year ended March 31st, 1937. The various comparative tables included in this Report, and the appendices thereto will be of interest when read in conjunction with other portions of the Report as an indication of the success and progress which has been made in the administration of the wild life division of the provincial natural resources.

FINANCIAL

At the outset it is perhaps advisable to refer to the financial position of the Department, and it gives me a great deal of pleasure to present herewith the statement of revenue produced under this Department during the fiscal year reported upon, specifying the various sources from which this revenue is secured together with the sum derived therefrom in each instance.

ORDINARY REVENUE FOR THE FISCAL YEAR ENDING MARCH THIRTY-FIRST, 1937.

GAME—			
Royalty		$80,830.70	
Licenses—			
Trapping	$28,371.25		
Non-resident Hunting	73,937.50		
Deer	59,351.25		
Moose	2,981.00		
Gun	71,526.01		
Dog	3,955.30		
Fur Dealers	29,737.00		
Fur Farmers	7,335.50		
Tanners	190.00		
Cold Storage	133.00		
Hotel and Restaurant	10.00		
		277,527.81	
			$358,358.51
FISHERIES—			
Royalty		10,526.10	
Licenses—			
Fishing	$100,924.34		
Angling	272,690.50		
		373,614.84	
Sales—spawn taking		216.61	
			384,357.55

GENERAL—

Tourist Licenses	$4,950.00	
Guides' Licenses	6,716.00	
Fines	11,271.15	
Sales—Confiscated articles, etc.	10,279.12	
Rent	3,222.58	
Commission	2,113.69	
Miscellaneous	949.03	
		$39,501.57
		$782,217.63

The total receipts in the previous year amounted to $683,938.72 and it will thus be noted that the revenue for 1936-37 shows an improvement of $98,278.91. Of this increase $83,592.09 is attributable to the enlarged sale of non-resident angling licenses, while in the game division improvements in some branches were completely nullified by reason of the fact that revenue from royalties, principally on the pelts of fur-bearing animals, showed a decline in excess of $30,000.00, and a large proportion of which decline may be attributed to the entire close season which prevailed on beaver with the resulting lack of royalty revenue accruing from pelts of this particular species of fur-bearer. The complete picture, nevertheless, is a notable one and it might here be stated that the revenue collected this year has never been excelled in any previous year.

Departmental expenditures totalled $474,128.95, so that our operations for the year resulted in a surplus of $318,088.68. Principal expenditures were made on the enforcement service, $188,810.36; fish hatcheries $141,263.55; construction $27,997.38, work being undertaken at the Trout Rearing Stations at Chatsworth and North Bay, Ingersoll Ponds, Manitoulin Bass Ponds, Midhurst Ponds, and the Sarnia and Wiarton Fish Hatcheries; Bird Farms and Experimental Fur Farm $9,197.15; and Wolf Bounty $33,360.63.

It is generally conceded that the excellent fishing and to a somewhat lesser degree (which may possibly be attributed to the more vigorous weather conditions which prevail in the season) the hunting which are available in Ontario to the visiting sportsman are among the attractions responsible for the current increase in tourist traffic to the Province, and the importance of this tourist business is quite obvious. Money spent by our visitors is neither localized nor centralized but accrues in some measure to the benefit of every man, woman and child in the Province. Therefore, it is at present, and will continue to be an objective of this Department, by means of an extensive and intelligent re-stocking programme, and by reasonable protective measures designed to conserve the supply to perpetuate the resources and privileges which now encourage non-resident tourists to vacation within our borders.

GAME

The table which follows will show in detail what various hunting licenses, resident and non-resident, were issued during the year compared with information of a similar nature covering recent previous years. Noticeable increase will be observed in the number of non-resident hunting licenses which were issued during the year when compared with the number issued in 1935-36. This increase resulted in the collection of additional revenue from this particular branch of our activity amounting to $20,857.50.

	1933	1934	1935-36	1936-37
Resident Moose	673	512	496	542
Resident Deer	12,756	12,890	14,779	15,394
Resident Camp (Deer)	165	175	258	262
Resident Farmers' (Deer)	5,113	4,902	5,221	5,386
Resident Gun	97,561	76,210	85,884	79,531
Non-resident small game	318	489	686	1,129
Non-resident deer		475	652	848
Non-resident "General"	634	457	680	878

The following pages will contain a summary of conditions as they apply to both our animal and bird game life, and which information has been compiled from the reports of these conditions submitted by various members of the field service staff of the Department stationed throughout the Province:—

DEER:—So far as the northern and northwestern portions of the Province are concerned reports to the Department indicate that, while the situation there has many problems peculiar to the area itself, conditions as they existed during the period under review were quite satisfactory, with some possible improvement and increase in numbers in certain sections.

In the southwestern part of the lower portion of the Province, some increase is reported, probably due to the protection which has been afforded to them over a period of years, and while they are most numerous in the Counties of Simcoe, Grey, Bruce and Huron, there are evidences that these animals are to be found in practically every County in the section to which this reference pertains, and in the not too distant future may possibly reach the point where they may constitute a source of trouble to farmers and market gardeners. While the conservation measures now in effect have been provided for the purpose of protection they do not contemplate the development of our deer resources to such an extremity as is here indicated. In the central Counties they may be found in fair numbers only in Peterborough and Victoria, with slight improvement though continued scarcity reported from Halton, Peel, Northumberland and the north part of Ontario Counties. East of and including Hastings conditions were better, and they are to be found in numbers providing fairly satisfactory hunting in practically all the areas here in which an open season prevails. In the section in which the most intensive concentration of deer hunters occurs during the regular open season, i.e. Parry Sound, Muskoka and Haliburton, conditions are reported to be satisfactory and as yet good hunting is available there.

Undoubtedly the restrictions which apply to deer hunting continue to be necessary and must be observed and regulate the conduct of hunters if we are to preserve and improve our deer herds throughout the Province, and which condition is essential in order to guarantee and justify a continuation of the fall hunting season in which many of the sports loving public are privileged to participate.

In recent seasons we have been seeking the co-operation of deer hunters by asking them to submit a return to the Department of the result of their hunting together with comments. In the past the number of hunters making this return has been disappointing. Seeking an explanation for this apparent indifference on the part of sportsmen we came across a letter from a hunter which reads in part; "A lot of the boys won't make this return because they are afraid you will use the information to send tourists or others to their favourite hunting grounds. Why don't you tell them the real reason for the return?" The answer to this query is that it is necessary the Department should know the number of deer of both sexes killed annually, the locations where they are to be found in largest numbers, and the territories where they are obviously scarce, in order that suitable regulations for their conservation may be framed. With over twenty thousand hunters in the bush each fall a means is provided for obtaining reliable information of our deer herds not otherwise available. A brief reflection will convince the hunter that this information is wholly in the interest of sport.

MOOSE:—These animals are not at all plentiful in any part of the Province and little improvement is evident even in the southern part where they have had the complete protection of an entire close season for the past several years. Reports from this Section are to the effect that if there be any increase such conditions can be attributed to any overflow from Algonquin Park. From northern Ontario where hunting of moose has been permitted in conjunction with the deer season reports reaching the Department indicate some scarcity and the desirability of the additional protection of an extended close season in some areas to preserve and thereby provide for improvement and increase in the numbers of this species.

CARIBOU:—These animals are very scarce and are to be found only in the extreme north. Herds are reported only in the northern portion of the Cochrane District and in a few scattered sections of the Thunder Bay and Kenora Districts.

ELK:—The original shipments of these animals to Ontario from Western Canada were supervised by the Federal National Parks Branch, and on arrival here were placed in the following Crown Game Preserves, viz;—Pembroke, Burwash, Chapleau, Nipigon-Onaman and Goulais River-Ranger Lake. Reports indicate there has been more or less improvement in all instances save possibly among those placed in the Nipigon-Onaman Preserve. From the herd at Pembroke certain animals have been distributed to suitable areas in Algonquin Park and on the Bruce Peninsula, while a number of Elk on the Burwash Preserve were liberated in that area, and as far as possible the animals so transferred were set at liberty some considerable distance from farm property. Improvement in numbers has been observed among the animals transferred to Algonguin Park and the Bruce Peninsula, while from Pembroke is reported a fair increase, and a fine showing of young animals from Burwash.

RABBITS:—All varieties were reported to be rather scarce throughout the northern areas. Reports received from the various portions of southern Ontario reveal there is no scarcity of either the cotton-tail rabbit or the European hare (commonly called the jack rabbit) in the western Counties, and some satisfactory hunting was enjoyed here. Conditions, however, were not as favourable as this in the central Counties, while a noticeable lack of numbers was reported from the east and the northern districts of Parry Sound, Muskoka and Haliburton.

It is interesting to note from these reports that the jack rabbit is migrating northwards. Existence of this species in Muskoka has been observed and it is possible that the pleasure and recreation which the pursuit of this creature of the wild has provided to sportsmen in the southwestern Counties may soon be available to the interested hunters farther afield.

PARTRIDGE:—Ruffed grouse are reported to be scarce in practically every section of the Province though some increase in their numbers was noted in the eastern portion of northern Ontario, and in some scattered areas in the western portion of the north.

The sharp-tailed grouse, or prairie chicken, display conditions which are no better, but pratically similar to those which exist with reference to the ruffed grouse.

The complete close season which has prevailed on partridge is absolutely necessary in order that the various species may have an opportunity for replenishment.

The condition of scarcity existing at this time is one which prevails perodically and has been the subject of many investigations and reports. Quite recently a paper dealing with fluctuations in the numbers of ruffed grouse and having special reference to this condition in Ontario, was prepared by C. H. Douglas Clarke, of the University of Toronto, Department of Biology. From this report it would appear that these periods of diminution do not occur simultaneously throughout the country, and even in this Province there are local differences of at least three years in the time at which diminution commences. Each period of diminution is preceded by comparative abundance and followed by comparative scarcity so that the conditions of the ruffed grouse population over the sixty years for which data are available may be expressed as a periodic cycle of between nine and ten years.

QUAIL:—These birds occur in only a small portion of the Province. They are reported to be fairly numerous and their numbers increasing in some Counties in the southwestern peninsula, notably Essex, Kent, Elgin, Middlesex and Lambton. Reports of their existence in other portions of southern Ontario do not indicate any improvement, and it is quite probable that there are few, if any, areas outside of the Counties enumerated in which these birds may be encountered. A few pairs of these birds were distributed during the year by the Department in the Counties of Essex, Middlesex and Norfolk.

PHEASANT:—The Department continued its work along the lines of the establment of this excellent upland game bird in areas suitable to its existence. This branch of activity included the distribution of eggs and the liberation of live birds in proper areas, with more concentration and emphasis on the live bird phase of this activity. Records show that some 1,146 settings of eggs, or 17,190 eggs in all, were shipped to various applicants. Of these, 640 settings were sent to parties located in southwestern Counties and 280 settings to parties in Counties along the northern shore of Lake Ontario and the River St. Lawrence. The remainder was practically all distributed in Counties immediately north of these areas.

A total of 2,803 live birds, including a few of the mutant variety, were liberated in connection with this branch of our re-stocking activities, and of this total 1,401, or fifty percent, were placed in the southwestern Counties, 946 in the southerly eastern Counties, and the balance in areas immediately adjoining these Counties to the north.

This distribution of live birds was augmented by reason of certain conditional loans to breeders under which live birds raised by them to the number of 1,287, included in the distribution figures above set forth, were made available to the Department for use in connection with our general programme of re-stocking.

The Department is deeply appreciative of a donation of mutant pheasants received from the Ohio State Department of Conservation, and which birds were liberated on Pelee Island.

It is believed that the value to the farmer of the various species of upland game bird is becoming more obvious as we learn of the life history and activity of these birds. They provide the farmer with efficient and effective service as insect killers and weed destroyers. It is therefore apparent that game birds on the farm are a real asset, both from the standpoint of service and that of beautifying the farm. To be effective, however, they must be given consideration with regard to food and coverage, and in addition to this must be controlled against over-population consistent with the available supply of food lest they become a pest. This control is best exercised by legalized and seasonable fall shooting restricted as to season and bag limits established in accordance with the number of birds available. This control is a matter for mutual understanding between the sportsman and the farmer, for the game is the property of neither the farmer nor the sportsman, but with the proper spirit of co-operation is available with advantage to both.

DUCKS:—Reports indicate that these birds provided good sport throughout the Province, notwithstanding that general conditions which applied to their propagation throughout the Dominion as a whole resulted in additional restrictions being imposed by the Federal Government under the Migratory Birds Convention Act, which is the legislation applicable to these birds, such as a more limited open season, a reduction in the daily bag limit from 15 birds to 12 birds, and a provision under which the use of live birds as decoys was prohibited. Conditions were perhaps somewhat improved as a whole, notwithstanding some reports to the contrary from a few sections.

GEESE:—This species provides shooting in only a very few sections of the Province, particularly in the extreme north, along the James Bay shore, and in the southwestern Counties, from which areas favourable reports are received. The Federal restrictions as referred to in the case of ducks were also applicable to geese, though these regulations as promulgated permitted a limit of catch in the case of geese of five birds per day and not more than fifty per season.

PLOVER:—This bird continues to be very scarce in every section of the Province. But little improvement has been reported and only in a few scattered areas.

SNIPE:—Reports show extreme scarcity of this species in northern Ontario, though there is some evidence they are more prevalent and show some improvement in the southern end of the Province, and particularly in the eastern portion.

HUNGARIAN PARTRIDGE:—This, of course, is not a native species, but was introduced to the Province some years ago, and liberated in various sections with the idea of providing additional shooting for sportsmen. No active re-stocking was undertaken by the Department during the year under review, and there is little evidence of improvement except in scattered areas in some eastern and southwestern Counties from which reports of increased numbers have been received.

WOODCOCK:—This species is reported to be fairly plentiful in various sections, particularly in the central and western portions of the southwestern peninsula, notably Elgin, Essex, Norfolk and Oxford, and in some of the eastern Counties.

Before closing this section of the report reference is made to the fact that regulations were passed which provided special open seasons and established conditions to govern, as follows:—

(a) Pheasants—Pelee Island, October 22nd, 23rd, 29th and 30th. Limit of five birds per day.

(b) Pheasants and Quail—Essex, Kent and Middlesex Counties, October 22nd and 23rd. Limits of catch, two pheasants and three quail per day.

(c) Pheasants—Lincoln, Welland and Haldimand Counties, October 22nd and 23rd. Limit of two birds per day.

(d) Deer—Carleton County west of the Rideau River, November 5th to 20th. General deer hunting regulations applied.

(e) Deer—Townships of St. Edmunds, Lindsay, Eastnor and Albemarle on the Bruce Peninsula, November 16th to 21st. General deer hunting regulations applied except that the use of dogs was forbidden.

FUR BEARERS

Conditions as they apply to fur-bearing animals throughout the Province and as they have been briefly summarized from reports received in the Department are set forth in the following references:—

BEAR:—These animals were reported to be quite numerous throughout the entire northern portion of the Province as well as in the more northerly areas of southern Ontario, which provided a degree of hunting much appreciated by those interested in this branch of the sport.

BEAVER:—The sectional close season of previous years was made effective throughout the entire Province, and the increase in the numbers of these animals which has been reported from various districts can in all probability be attributed to this protective action. In practically all areas in which beaver have existed in the more recent years there has been some improvement in the conditions applicable to this desirable species of fur-bearing animal and in consequence of the complete protection which is now being provided this improvement should not only continue but become more evident.

FISHER:—Existing conditions which apply to this species of valuable fur-bearer are not at all favourable in any area. These animals are, generally speaking, very few in number and the sections in which any improvement has been observed and reported are but few and scattered.

FOX:—The several varieties of this species, in the wild, i.e., red, cross and silver, continue to be generally about the same as in recent years. Quite naturally conditions vary in the different portions of the Province and while improvement is noted in some parts this has served only to balance the reduction in their numbers which has been reported from other areas.

LYNX:—Here, as in the case of the fisher, conditions are not at all favourable, though it should be stated in reference to this species that no protection in the way of a close season is provided, and they may be taken any time during the period covered by the general trapping season. While some slight improvement is reported from Northern Ontario, general conditions do indicate that this particular species is doing no more than maintaining the levels of recent years.

MARTEN:—These animals are practically extinct in the southern portion of the Province, and they continue to be extremely scarce in northern Ontario, with some slight improvement being reported from the eastern section thereof.

MINK:—Reports from practically every section of Ontario warrant the assumption that mink are becoming less plentiful. Comparisons show that the catch of mink taken by licensed trappers again shows a considerable decline during the season reported upon.

MUSKRAT:—There is no doubt that in many areas which have previously supported this desirable little fur-bearer, natural conditions are becoming unfavourable. The fluctuation of water-levels and possible lack of food supply are having an adverse effect. Conditions may be described as only fair, and throughout the Province generally show no improvement. There has been a progressive decline in the number of the annual catch in recent years, as an examination of the subjoined comparative table will show.

OTTER:—Conditions here continued to be about the same as in more recent years. While these animals are still scarce they appear to be holding their own under the existing regulations which apply, and as a result a special Order was provided declaring an open season on this species extending from November 1st, 1936, to February 28th, 1937, and which open season, of course, coincided with that provided in the Game and Fisheries Act in the case of mink and fisher, as well as fox and marten.

RACCOON:—These animals are found only in Southern Ontario, and general conditions here are about as usual. While reports from some areas indicate improvement, this is not generally the case, for in many southwestern counties their numbers are reported to be somewhat limited and possibly diminishing.

SKUNK:—The catch as reported to the Department through the regular channels shows quite an increase as compared with that of the previous year, and this pestiferous and objectionable little creature continues to be quite plentiful throughout the Province. Market prices which have prevailed for their pelts have not been sufficiently attractive to encourage any extensive trapping operations in the case of this particular species.

WEASEL:—This species continues to be plentiful. While the pelt is of considerably less value than was formerly the case, the catch shows a decided increase over that of the previous year. Nevertheless a review of reports to the Department reveals the fact that this condition does not justify the belief that there has been any great general increase in their numbers throughout the Province.

SQUIRREL (Black and Grey):— These animals are quite numerous in the southern Counties and more particularly is this applicable to the western portion. They were afforded the protection of an entire close season which condition in all probability contributed in a large extent to the improvement evident in the numbers of these varieties of the squirrel species.

At this point it is desired to make some general comments on trapping conditions.

So far as Southern Ontario is concerned, except for a few scattered districts, trapping can no longer be regarded as providing remunerative employment to any great extent. Fox-hunting as a sport is enjoyed in many sections as is evidenced by the large number of special permits which are issued for this purpose and while considerable numbers of skunk and weasel are taken the financial returns received from the sale of these pelts by the trappers concerned are not at all impressive. The more valuable, and therefore the more desirable, species are becoming very scarce. Lynx, marten and fisher are practically non-existent in the south; beaver which appear to be improving are, of course, provided the protection of a complete close season throughout the entire Province; while conditions which apply to mink, otter and raccoon are not at all favourable. Fox, as has been previously stated, are responsible for some good hunting in addition to the trapping made available by their numbers, and in some scattered sections fairly good muskrat trapping is still available if satisfactory weather conditions prevail just previous to and during the open season.

In Northern Ontario during the year reported upon while conditions were naturally better than those reported from Southern Ontario, they showed no improvement over those which have been in evidence there in the more recent years. Licensed trappers in this northern section are restricted as to the area in which they may carry on their trapping operations, each being allotted a specific territory for his own use. It is anticipated that this system will encourage each individual trapper to practice conservation and protection in his own territory, as a means of assisting to perpetuate the various species of fur bearers therein.

The protection which present Regulations provide for the more desirable classes of fur-bearing animals, particularly along the line of short and restricted open seasons during which periods only they may be lawfully trapped, is very necessary, and furthermore the compliance of all concerned with the various Regulations which govern is not only essential but must be forthcoming, and while the experienced trapper may not in all instances be favourably disposed to the various restrictions which now apply to fur-bearing animals and the trapping thereof, full co-operation with the Department along these lines is absolutely necessary if we are to be expected to maintain these animals at their present levels, without imposing further restrictions.

The following comparative table shows the numbers of pelts of the various species of fur-bearing animals exported from and dressed within the Province during the year now reported upon and the two years previous, and upon which royalty was paid as required by provisions of the Game and Fisheries Act:—

	1933-34	1935-36	1936-37
Bear	341	411	476
Beaver	10,336	6,785	238
Fisher	1,297	2,137	2,117
Fox (cross)	2,224	5,424	4,156
Fox (red)	13,534	37,044	35,232
Fox (silver or black)	280	500	360
Fox (white)	89	883	17
Fox (not specified)	85	495	276
Lynx	2,138	2,642	2,081
Marten	1,096	1,282	1,464
Mink	63,615	47,057	33,930
Muskrat	521,751	398,043	370,239
Otter	3,330	3,701	3,779
Raccoon	18,673	13,259	14,243
Skunk	73,721	50,747	87,950
Weasel	68,164	42,643	78,643
Wolverine	5	4	2
	780,679	613,057	635,203

From information which was secured from reliable sources the Department has computed the value of these pelts to be some $1,902,407.90, which was practically the same, (as a matter of fact only four thousand dollars less), as the figure produced by the catch of the previous year. This figure, of course, is the actual value of the fur catch to the trapper.

This total does not include the product of licensed fur farms from silver, black and blue foxes and mink, the pelts of which ranch raised animals are exempt from the payment of royalty, under the Game and Fisheries Act. It will be of interest to note that during the year 1936-37 licensed fur farmers marketed 28,619 silver and black fox pelts, 24,297 exported and 4,322 tanned; and 15,691 mink, 15,623 exported and 53 tanned; which pelts together with the few blue fox pelts marketed have been computed to have realized the total sum of $1,067,848.32 on behalf of our fur-farmers.

FUR FARMING

The propagation of fur bearing animals in captivity on licensed fur farms has been established and developed as an industry to the stage where in point of values accruing from the product thereof it is beginning to threaten the production of fur from our wild life natural resources, and the time is probably not far distant now when the value of the anual product of our licensed fur farms will exceed that of the catch of our licensed trappers from the wild. Some native species can be successfully propagated in captivity, and while the results which have been evident to date perhaps do not suggest much in the way of economic possibilities, experiments still continue though undoubtedly not to the same extent as in previous years. It has been found that other species are not adaptable to domestic propagation with a corresponding absence of satisfactory results. Consequently, for the present, fur farmers would appear to be devoting the major portion of their efforts to work with foxes principally silver and black, and to mink, they being the only species raised in substantial quantities.

While the prices which furs brought in the open market did not offer much encouragement to prospective fur farmers, faith in the future of the industry induced some to commence operations, which is apparent from the fact that the number of fur farms operating under license during the year 1936 increased practically nine percent, there being 1,348 licenses issued, while breeding stock figures show an increase of ten percent in silver foxes, and an increase in excess of twenty-six percent in mink.

SUMMARY OF BREEDING STOCK ON LICENSED FUR FARMS
AS AT JANUARY 1ST

	1935	1936	1937
Beaver	78	70	21
Fisher	19	16	20
Fox (cross)	434	367	257
Fox (red)	286	228	207
Fox (silver or black)	19,314	21,645	23,869
Fox (blue)	10	5	0
Lynx	2	2	2
Mink	8,605	12,332	15,539
Muskrat	447	375	351
Raccoon	799	524	358
Skunk	0	3	5
Bear	11	21	15
Marten	9	4	4

Much of the research and experimental work previously performed at the Provincial Experimental Fur Farm at Kirkfield has been curtailed or discontinued. All laboratory equipment was transferred to the Ontario Veterinary College, at Guelph, which is more favourably located, and at which institution facilities have been made available for such biological and post mortem services as may be required by the licensed fur farmers.

CROWN GAME PRESERVES

During the period under review the work of establishing small game preserves in Southern Ontario was continued. Through the co-operation of the landowners, sportsmen and the Protective Associations excellent progress was made in selecting suitable areas. As a result some twenty-six preserves were set aside in seventeen different Counties. In addition a preserve of approximately 100,000 acres was established in the District of Nipissing. This brings the total preserve areas in the Province to 111 with an area of approximately 6,061,289 acres, or 9,471 square miles.

The Preserves set aside have been properly posted with metal signs and the publicity given them has resulted in a larger measure of protection from both the public and the interested landowner. Considerable stocking of ring-necked pheasants was carried out in these new areas with good results from the standpoint of propagation.

The following tabulation shows the Preserves added during the year:—

Designation	County	Extent in Acres
Holmedale	Brant	270
Paris	Brant	860
Kinloss	Bruce	1,000
West Lorne	Elgin	3,300
Wyandotte	Essex	1,017
Ojibway	Essex	1,440
Sheppards Lake	Grey	200
Keppel	Grey	1,650
Holland	Grey	845

Designation	County	Extent in Acres
Wallaceburg	Kent	1,400
Brigden	Lambton	5,750
Niagara	Lincoln	400
Thorndale	Middlesex	850
W. E. Saunders Sanctuary	Middlesex	614
Jocko	District of Nipissing	100,000
Varency	Norfolk & Haldimand	1,300
Turkey Point	Norfolk	1,200
Mud Branch	Oxford	2,000
Cedar Creek	Oxford	800
Petawawa Point	Renfrew	500
Conestogo	Wellington	1,475
Guelph	Wellington	1,000
Humberstone	Welland	900
Willoughby Park	Welland	1,200
Bertie	Welland	1,000
Markham	York	2,000

WOLF BOUNTIES

The following is a comparative table of condensed wolf bounty statistics covering the four last fiscal years:—

Period	Timber	Brush	Pups	Total	Bounty & Expenses
For year ending Oct. 31, 1933.	1,112	1,229	43	2,384	$53,433.88
For year ending Oct. 31, 1934.	990	812	57	1,859	27,080.65
For year ending Mar. 31, 1936.	1,159	1,713	33	2,905	42,399.89
For year ending Mar. 31, 1937.	1,090	1,197	31	2,318	33,360.63

During the year some 1,699 claims for wolf bounty in respect of 2,347 wolf pelts, were submitted to the Department for consideration. Fifteen claims, involving 29 pelts were disallowed for various reasons, including seven in which pelts proved to be those of dogs, five fox pelts, six unborn pups taken from the carcass of the mother by the claimant, and five coyotes imported from the Western Provinces, the claimant in this case being prosecuted and convicted. Details as to the sources of origin of the pelts submitted for bounty are outlined in the succeeding table—

SUMMARY OF PELTS RECEIVED

District or County	Adult Wolves		Pups	Total
	Timber	Brush		
Algoma	93	166	3	262
Bruce	23	13	0	36
Carleton	2	2	0	4
Cochrane	19	1	0	20
Frontenac	10	0	0	10
Haldimand	0	3	0	3
Haliburton	18	0	0	18
Hastings	3	4	0	7
Huron	0	1	0	1
Kenora	235	276	1	512
Lambton	0	2	0	2
Lanark	2	4	0	6
Lennox & Addington	14	0	0	14
Manitoulin	12	119	9	140

SUMMARY OF PELTS—(Continued)

District or County	Adult Wolves		Pups	Total
	Timber	Brush		
Muskoka	28	2	0	30
Middlesex	0	2	0	2
Nipissing	71	36	6	113
Norfolk	0	5	0	5
Ontario	1	0	0	1
Parry Sound	82	8	0	90
Patricia	62	57	5	124
Peterborough	3	0	0	3
Rainy River	133	214	6	353
Renfrew	28	1	1	30
Simcoe	6	3	0	9
Sudbury	86	131	0	217
Thunder Bay	148	157	10	315
Temiskaming	12	4	0	16
Victoria	1	1	0	2
Welland	0	1	0	1
York	0	1	0	1
Totals	1,092	1,214	41	2,347

It will be noted that the total amount expended was $33,360.63 of which the sum of $33,287.00 was the amount actually paid to bounty claimants, as shown by the following statement:

Brush Wolves	(Counties)	41	@ $ 6.00	$ 246.00	
	(Districts)	1,156	@ $15.00	$17,340.00	
Total Brush		1,197			$17,586.00
Timber Wolves	(Counties)	89	@ $ 6.00	$ 534.00	
	(Districts)	1,001	@ $15.00	$15,015.00	
Total Timber		1,090			$15,549.00
Pups	(Counties)	1	@ $ 2.00	$ 2.00	
	(Districts)	30	@ $ 5.00	$ 150.00	
		31			$ 152.00
Total		2,318 pelts			$33,287.00

Payment of the full bounty of $15.00 is assumed by the Provincial Treasury in respect of wolves destroyed in provisional judicial districts, while in the case of these animals which are destroyed in the southern counties the bounty is paid by the County Treasurer, forty percent of the amount being assumed by the Province and subsequently rebated to the Counties.

Trappers and farmers are responsible for eighty percent of the wolf pelts forwarded for bounty, while an examination of the reports as to the methods which were adopted for capturing the animals reveals that forty-five percent were snared, twenty-five percent trapped, and nineteen percent shot, while the authorized use of poison was responsible for the taking of only two percent.

NEW DEVELOPMENTS

MONTHLY BULLETIN

In August, 1936, the first issue of what was proposed to be a regular periodical bulletin was issued and distributed among provincial newspapers, officers of Game and Fish Protective Associations and sportsmen who have been sufficiently interested to ask that their names be included on the mailing list. The Honourable Mr. Nixon's letter which introduced this publication and which appeared in the first issue contained the following references viz:—

"In presenting this, the first of what we hope will be a monthly bulletin, we have in mind an extension of the publicity work by which we are endeavouring to make the people of the Province more deeply conscious of the valuable heritage we posses in our wild life natural resources, and the necessity for conserving these resources.

"We appreciate the co-operation of the Sportsmen's Associations thoughout the Province, as well as the individual co-operation of all those who, from an aesthetic or recreational standpoint, are interested in the wild life.

"With a view to fostering this spirit of co-operation it is our desire to convey to the public all the information in the possession of the Department concerning wild life resources of our forests, lakes and streams, and we hope that a wider knowledge of conditions will result in a keener realization by the individual of his own responsibility for the protection of these important assets."

Various interesting extracts from the material which was published in the issues of this publication during the months now being reviewed have been incorporated, with advantage, in this particular annual report of Departmental activities, and indicative of the interesting information which appears in this Monthly Bulletin is the following extract from the issue of January, 1937—"Non-resident Angling Licenses: The value of the Tourist Industry to the Province has been emphasized in a previous issue of the Bulletin. Its importance becomes more and more evident each year as records are made available and data in connection therewith is systematically tabulated. The Department of Game and Fisheries exacts a license fee from non-residents who desire to fish in the Province. A tabulation of the licenses issued divulge some very interesting information. Returns show that a total of 48,097 non-resident angling licenses were issued during 1936. This total does not by any means represent the number of visitors fishing within the Province. It is provided by the regulations that 'Children under the age of twelve years may angle without a license, when accompanied by a member of his or her family who is in possession of a non-resident angling license.' Further provision is made for the issuing of a special Family License covering a husband, his wife and their children not over the age of twenty-one years, at a fee somewhat higher than that for an individual license. Of the total number of licenses issued 12,810 were Family Licenses.

"As each licensee furnishes the Department with his name and address it is possible to compile a distribution of the different States and countries represented by the license holders. It is interesting to note that every State in the American Union with the exception of Idaho, Oregon, Utah and Wyoming had representatives fishing in Ontario during the summer of 1936. The nearby States of Ohio, Michigan, New York, Pennsylvania and Illinois sent us thousands of sportsmen, the others contributed lesser numbers in direct ratio to their geographical locations. The Provinces of Canada, from British Columbia to Quebec supplied their quotas of visiting anglers but the Maritimes are not represented. Most interesting of all, however, is the information that fishing licenses were sold to visitors from such widely separated parts of the world as England, Java, Porto Rico, Australia, East Africa, Panama, Hawaii, India and the West Indies."

Owing to the provisions of the Regulations under which non-resident angling licenses are issued, and more particularly the conditions which govern the use of these licenses to which previous reference has been made, figures are not available showing the actual number of non-resident anglers, though it has been estimated that under the licenses issued during the year a grand total of more than 68,000 non-residents legally enjoyed the recreational advantages of the excellent fishing which is available in the waters of this Province.

TOURIST OUTFITTERS' CAMP LICENSES:

In accordance with a suggestion which was submitted for the consideration of the Fish and Game Committee of the Legislative Assembly by the organized tourist outfitters, provision was made for the first time to license tourist outfitters operating throughout northern Ontario and in those portions of the Districts of Parry Sound, Nipissing and Haliburton and the County of Renfrew lying north of the line of the Canadian National Railway from Parry Sound to Pembroke. In all some four hundred and twenty-seven camps were licensed, eighty-three in the District of Kenora, twenty-seven in the District of Rainy River, two in the District of Patricia, nineteen in the District of Thunder Bay, sixty-six in the District of Algoma, thirty-eight in the District of Sudbury, thirty-two in the District of Manitoulin, seventy-nine in the District of Nipissing, seventy-four in the District of Parry Sound, and seven in the County of Renfrew. Of this total three hundred and eighty-eight were operated by residents of the Province under license issued at a fee of $10.00 each, while the balance of thirty-nine were operated under license issued to non-residents at a fee of $25.00 each.

The regulation of these camps will be of a supervisory nature, while a degree of protection from undue encroachment will be afforded those who already have made large investments in the establishment of permanent camps. The licensing of these camps will also be of much assistance to the Department in the protection of the fish and game resources, because it places an added responsibility on the owners to see that law observance is maintained so far as each individual camp is concerned. As the license is renewable yearly it is obviously in the interest of the licensee to see that his operations are conducted in such a manner that the best possible service and accommodation will be afforded the tourist at rates consistent with the class of service rendered.

From the standpoint of the owner or operator much benefit should accrue. Embodied in each application for a license is a questionnaire asking for information in connection with the camp which might be available for the Department to disseminate to tourists. The answers provide information as to the number and kind of cabins, the various kinds of boats, number of available guides, names of adjacent lakes and rivers, kind of fishing, adjacent hunting territory, species of game to be had, nearest Provincial Highway and distance therefrom, nearest railway, and any other general information the operator may care to supply. This information when received is not only tabulated for the use of the Department of Game and Fisheries but is also passed on by us to the Provincial Tourist and Publicity Bureau which features the tourist advertising work for the Province and responds to thousands of enquiries yearly for just such information as will now be systematically available from the camp operators. This service should prove of very great benefit to those engaged in the operation of tourist camps in that portion of Ontario which is affected, and the supervision exercised under the license will ensure protection for the visitor.

AMENDMENTS TO THE ACT:

Amendments enacted by the Legislative Assembly and which became effective during the year included:

Changes in the regulations which apply to the hunting of deer provided for an additional division comprising the southern portions of the Districts of Algoma and Sudbury and the open seasons which would be effective therein, also for a change in the dates of the open season on Manitoulin Island and made provision for the use of dogs in more liberal proportion.

Prohibited the carrying of high-powered rifles during the deer season in areas inhabited by these animals under the authority of any hunting license except the one issued for the taking of deer, as well as prohibiting the use of snares in any part of the Province during the deer season.

Established by legislation different divisions of the Province in respect to the trapping of muskrats and provided the various open seasons to be applicable therein.

Provided protection for and made unlawful the shooting of ospreys and eagles.

Changes in the regulations which applied to the open season for migratory water fowl, i.e. wild ducks and wild geese, and which changes were practically nullified by the subsequent regulations provided by the Federal Authorities under the Migratory Birds Convention Act and Regulations, which last mentioned Regulations definitely apply to such hunting.

And, finally, as set forth under the previous sub-heading, provided for the licensing of tourist outfitters' camps, and established the license fees therefor.

ENFORCEMENT SERVICE

The Department maintains a regular staff of field officers which numbered some eighty members during the year 1936-37, whose duty it is to enforce and secure proper observance of the various provisions of the Game and Fisheries Act and Regulations, the Dominion Special Fishery Regulations for the Province of Ontario and those Provisions of the Migratory Birds Convention Act and Regulations which are effective in this Province. The services of this regular Field Staff are augmented by the assistance and co-operation of members of the Ontario Provincial Police force and certain seasonal officers whose services are engaged in connection with the matter of providing adequate patrol service along important waters during the spring and fall fish spawning periods and during the various open hunting seasons. The seasonal overseers employed during the 1936-37 period numbered eighty-three in all, and were engaged for varying periods of time, fifteen for general enforcement purposes, seventeen in connection with the open season for pheasants and other birds, five during the deer season, and forty-six during the critical spring and fall fish spawning periods.

That interested sportmen are concerned in this branch of activity is noted by the fact that during this year some 927 offered and were appointed as Deputy Game and Fisheries Wardens and as such were authorized to assist in the matter of securing proper observance of the Game and Fisheries Regulations. While there will probably always be a number of necessary prosecutions it is felt that this, in minor cases, is not a desirable method of securing observance of the Act. It is believed that many infractions are the result of thoughtlessness, and a lack of knowledge concerning the real worth of our wild life heritage.

The activities of the Game Warden are dictated by the necessity for the protection of our resources and the elimination from our sporting activities of the elements of unfairness which characterizes infractions of the Regulations. The good sportsman is always careful to observe the letter and spirit of the law. In doing so he naturally has to curb his desires and restrict his pleasures. It exasperates him, therefore, to see others with less pronounced scruples calmly ignoring the regulations and making light of their actions.

The laws regulate the wise use of available resources, be it game or fish, and an accumulation of minor infractions may be serious for any species or district. The Game Warden is invariably courteous in the handling of what is, after all, a difficult job. He deserves the co-operation of every sportsman and the backing of every law-abiding citizen.

During 1936-37 there were 1,448 cases in which offences against the Game and Fisheries Regulations were committed and in which the offenders concerned were relieved by various officers of articles of sporting equipment as well as the unlawful game or fish which may have been in their possession on these particular occasions. An examination of the reports of these seizures as submitted to the Department reveals that the action was provided by Game and Fisheries Overseers in 1,193 cases, by Deputy Game Wardens in 137 cases, by Provincial Police Officers in 34 cases, and in 84 cases by co-operative action as between our regular overseers, deputy game wardens, and police officers.

A condensed summary of the material thus seized is submitted herewith:—

Live animals	in 14 cases
Birds, game animals and meat	in 177 cases
Fire-arms and ammunition	in 491 cases
Fish	in 241 cases
Fishing equipment	in 309 cases
Angling equipment	in 71 cases
Pelts and hides	in 197 cases
Traps and equipment	in 148 cases
Water craft	in 35 cases
Motor vehicles	in 11 cases
Poison	in 3 cases
Lights (artificial)	in 32 cases
Spears	in 47 cases
Miscellaneous articles	in 50 cases

Duplicate entries on one report of seizure, such as fire-arms and game; angling equipment and fish; trapping equipment and pelts, and other combinations of a similar nature account for the apparent discrepancy in the total shown by the above table, viz:—1826, as compared with the actual seizure reports which number 1448.

Departmental records contain evidence of the fact that during the year under review some 1,154 cases were prosecuted through the courts, and convictions were registered in 1,092 of these cases, the charges in the remaining 62 cases being dismissed by the presiding Magistrates. It will be of interest to set forth the following details concerning the responsibility for the prosecutions in which convictions were registered, viz:—Game and Fisheries Overseers in 929 cases, Deputy Game Wardens in 18 cases, Provincial Police Officers in 76 cases, while co-operative action as among overseers, deputy game wardens and police was responsible in 69 cases.

While each officer is required to be impartial and efficient in the carrying out of his duties he is also required to use common sense and courtesy in his treatment of the public. In this respect we would like to express a word of appreciation by saying that we believe those virtues are exemplified by the average field officer in the discharge of his duties. On their behalf and as proof of this, we would like to quote part of a letter recently received from one of our non-resident hunters. It is but one of many the Department receives from time to time acknowledging the courtesy of the average Game and Fisheries Officer.

The letter is dated November 25th, 1936, and is in part as follows:

"I cannot refrain from referring to the marked degree of courtesy experienced when one has anything to do with Canadian Officials. I would even go so far as to say that when one gets on this side of the Peace Bridge the change is quite noticeable. Some distance north of Toronto we were held up by two of your officers and our game record and licenses examined, as was proper, but all of it was done with such perfect courtesy that the experience, so far from being unpleasant, strongly inclined the hunter to co-operate to the fullest possible extent. The fact that a day before a group of American sportsmen had been caught in a bunch of lies, without sufficient hunting licenses, and had parts of one deer sewed inside the carcass of another, indicated that underneath the courtesy there was no lack of efficiency.

"It is no wonder that 99 percent of American sportsmen who go to Canada feel about it as I do. Out of many years of this sort of thing has come my association with Rod and Gun and my sense of gratitude has urged me to write for it without compensation as some small return for the good times and treatment I have experienced in Canada."

THE FISH CULTURE BRANCH

For the purpose of assisting in the maintenance of the fish supply, the Department has launched a vigorous and progressive fish cultural programme. The value and importance of such action is obvious.

Ontario's game-fishing interests are vitally important, and the maintenance of these interests by protecting the normal fish population and by replenishing this population by fish cultural means, wherever necessary, is becoming of practical concern to increasing thousands of our citizens. The healthful and recreational advantages of game-fishing are of extraordinary importance coupled as they are with the direct and indirect financial benefits of the tourist trade, which penetrates almost every branch of industry, thus increasing employment.

The necessity of supplementing the work of nature in maintaining the important commercial fisheries of the Great Lakes and internationally connecting waters is, also, of vital importance. The interest shown by the commercial fishermen themselves is increasingly evident. By means of their able assistance and the efficient work of the Department's spawn-taking crews, the egg collection is becoming more and more successful each year.

This applies equally well to the actual planting or distribution of game-fish and commercial varieties. Methods of planting are based on the information available regarding the life-history of the species propagated. Although our hatchery officers are responsible for this distribution, the assistance rendered in various ways by commercial fishermen, angling fraternities, and individuals interested in the replenishment of our waters is considerable.

HATCHERIES AND REARING STATIONS

During the year a new trout rearing station was constructed in the District of Nipissing, approximately twenty miles north-east of North Bay, off the new Timiskaming highway. This station comprises a hatchery, which will take care of trout from the egg stage to the advanced fry stage. Five raceways are provided for taking care of fingerlings and two large ponds for fingerlings and yearlings. This rearing station will be a most valuable and important asset to this district from the standpoint of more adequate replenishment of suitable waters. Long haulage will be avoided and the fish will be planted in the same watershed and in waters of similar composition to that in which they are reared.

Two additional ponds 50 feet wide by 300 feet long were added to the series at the Chatsworth Trout Rearing Station. This expansion will give a greater opportunity to increase production of sizable trout before they are distributed.

Three small ponds, located on the grounds of the Reforestry Station at Midhurst, were renovated and new and more satisfactory outlet dams were constructed. These ponds are used for wintering trout.

SPECKLED TROUT:

This year the Department adopted a policy of rearing large numbers of trout to yearling and older stage before distribution to natural and suitable waters. The results of this plan were eminently satisfactory and more than 563,000 yearlings and older trout were planted, whereas in the preceding year approximately 35,400 were planted.

In addition to this, 1,053,000 fingerlings were distributed. The entire abandonment of future fry and fingerling distribution is contemplated with the exception of surplus numbers which it might not be possible to accommodate in our nurseries.

A small number of eyed eggs were planted on an experimental basis in inaccessible streams in Thunder Bay District and a few eyed eggs were supplied to the Department of Biology, University of Toronto, for experimental study.

BROWN TROUT:

The Department's plan regarding the re-stocking of streams in southern Ontario with brown trout was outlined in some detail in the previous report. Since brown trout are notional in their habits and difficult to catch, they are valuable for re-stocking suitable waters in thickly populated areas.

Every year more encouraging reports of angling for this species are received and intensive re-stocking of streams in southern Ontario will undoubtedly give good results in the near future.

Our fingerling distribution exceeded that of the previous year by approximately 38,000 and this number would have been trebled except that 100,000 fingerlings were retained over winter for distribution as yearlings the following year. Propagatory work with brown trout will be intensified.

RAINBOW TROUT:

(a) Steelhead—

Practically the same number of steelhead fingerlings were planted this year as in the one preceding. These were distributed in streams having direct access to larger streams or lakes, since this species has a strong migratory tendency to leave smaller streams in which they are planted in their second or third year. Efforts have been made to establish this species in the lower reaches of trout streams which are no longer suitable for trout on account of the high water temperature prevailing in summer. Trout streams tributary to lakes, somewhat land-locked in character, for example Lake Simcoe, have also been stocked, care being taken to introduce them to streams where dams or other barriers will not interfere with the annual migration to suitable spawning grounds. Large streams in Northern Ontario in which this species has become established are also being stocked.

(b) Fall Spawning Rainbow Trout—

Approximately 3,500 fall-spawning yearlings and older rainbow trout were distributed to waters suitable for them, that is the larger, lower reaches of trout streams. Experience in re-stocking with this strain in waters in the State of Minnesota has shown that it will thrive in the larger and warmer portions of trout streams which are no longer suitable throughout their entire courses for speckled trout and they do not show the same tendency to migrate as the closely related form, the steelhead.

(c) Kamloops Trout —

A fairly large number of adults of this species have been carried over successfully in ponds at Normandale. At the moment it is difficult to state how successful collection of spawn from these breeders will be; this will depend on the fertility of the sexes.

If this close relative of the rainbow trout, which has been described in previous reports, can be established in our lakes, it will be quite desirable, since it is an excellent sporting fish taken on the fly and by trolling. These trout, except during the hot weather of summer, are usually to be taken near the surface. They show no tendency to migrate from the lakes in which they are planted. Lakes suitable for speckled trout supplied with cold spring water from running brooks are considered suitable for Kamloops trout.

LAND-LOCKED SALMON:

The Department was able to secure only a few eyed eggs of this species during the preceding year, and the fish cultured therefrom are being retained.

Some work is being done on a close relative, the Atlantic salmon, to determine whether it will become established in land-locked bodies of water which are suitable for lake trout.

LAKE TROUT:

The majority of the lake trout fry were retained to fingerling size for distribution, and as a result the number distributed exceeded that of the previous year by nearly 3,700,000.

WHITEFISH:

There was an increase of approximately 44.5 per cent over the distribution of the previous year.

HERRING:

An increase of 28.2 per cent. approximately, in the distribution of herring fry over that of the previous year was obtained. A greater production of spawn of the Lake Erie herring or cisco would undoubtedly assist in the replenishment of this important species in that body of water.

YELLOW PICKEREL:

There was an increase in the distribution of pickerel fry amounting to 31 per cent over that of the previous year.

Following previous practice, two million eyed eggs (potential fry) were handled by the Sparrow Lake Hatchery, the fry therefrom being distributed in suitable areas in Sparrow Lake.

SMALL-MOUTHED BLACK BASS:

There was an increase of approximately 12 per cent in fry distribution as compared with that of the previous year. Although there was a decrease in the number of fingerlings as a result of a reduction in the yield from Ingersoll Pond, there was a fair increase in the number of adults distributed.

LARGE-MOUTHED BLACK BASS:

Following the previous year's practice, one pond was operated for large-mouthed black bass production and although there was a decrease in the number of fry, there was a substantial increase in the number of fingerlings produced by this pond, when it is considered that the pond in question is less than one acre in extent.

YELLOW PERCH:

The yellow perch is among the more important commercial species of fish taken in Lake Erie. All the perch spawn collected by the commercial fishermen was cultured in the Kingsville Fish Hatchery and the fry resulting therefrom were planted in suitable habitats in Lake Erie.

MASKINONGE:

There was a reduction in the total number of maskinonge fry planted as compared with that of the previous year. This was due primarily to reduced collection of eggs as a result of such unfavourable factors as unsatisfactory weather conditions, paucity of breeding males, resulting to some extent in ineffective fertilization. Among the chief prerequisites to success of maskinonge propagation is to have a suitable number of males and females spawning simultaneously and a gently rising temperature. Sharp fluctuations in the temperature of the water are detrimental to successful results.

On this Continent unsuccessful attempts have been made to rear lunge to the fingerling stage in appreciable numbers. According to authentic statistics the record number of maskinonge fingerlings produced as a result of pond culture by one of the States of the United States foremost in this field of fish culture was 4,125 in

1931. These fingerlings measured from 3 to 8 inches in length. During subsequent years this number has not been approximated and, in fact, none of the States culturing maskinonge in their hatcheries has since produced in excess of 2,000 maskinonge fingerlings by the pond cultural method.

As a result of a study of this problem in Ontario, it was found that the factors chiefly responsible for unsuccessful attempts to rear maskinonge in appreciable numbers were twofold.

1. The difficulty of supplying adequate and suitable food requisites.
2. The problem of cannibalism.

These two factors must be surmounted and the only way in which this can be done is to study the problem in a practical manner, by experimental rearing in ponds of the fish themselves and of the forms of life which they require for their sustenance.

SANCTUARIES

In view of the limitations of bass and maskinonge culture and to fulfill the requirements of these important species in our waters, their protection in a natural state is essential.

From the fisheries standpoint the sanctuary principle consists in having an area completely removed from public or private use. In view of an ever-increasing tourist trade, fishing for the species under discussion will become more and more intensive and, considering the inaccessibility, ease and speed with which our waters may be fished, it becomes increasingly evident that sanctuaries are necessary. Fish sanctuaries fulfill three important purposes:

1. They give the fish a chance to grow. Fish do not grow by magic and if we want larger and better fish, we must give them a chance to grow and reproduce normally.
2. Sanctuaries act as bases of supply for replenishing outer or adjacent fishing waters.
3. They may be very useful for stock and supply.

   It is only within comparatively recent years that this fundamental factor in fisheries' management has been pursued with vigor and during the past few years the Department has made marked progress along these lines.

With these facts and also the conservational principles already discussed in mind, the Department's objective is to bring all feasible measures to bear on the problem of maskinonge and bass maintenance and protection, in order to shorten any gap between supply and demand.

During the past spring and summer a biological survey of the Kawartha Lakes was conducted in order to dertemine the most suitable water areas adjacent to lakes and streams to set aside as sanctuaries for bass and maskinonge. As a result, the following areas were established on this basis:

(a) **In Peterborough County:**

Black Duck Lake (Deer Bay), located in the Township of Harvey; Chemong Lake, that portion located in the Township of Smith, Concession 4, Lots 1-3, inclusive;

Duck Ponds (Stony Lake) located immediately east of Gilchrist Bay, between McCracken's Landing and Crow Landing, located in the Township of Dummer;

Katchiwano Lake, that portion located in the vicinity of Lakefield, south of a line drawn from Haig's Point to Webster's Farm, in the Township of Smith;

Little Mud Lake (Chemong Lake) located in the Township of Smith;

Sandy Creek Bay (Buckhorn Lake), located in the Township of Harvey;

Searight's Bay (North River), located in the Township of Belmont;

South Bay (Stony Lake), located in the Township of Dummer;

Taylor's Bay and Munn's Bay (Belmont Lake), located in the Township of Belmont.

(b) **Victoria County:**
Chemong Lake, that portion located in the Township of Emily, Concession 4, Lot 23, and Concession 5, Lots 22 and 23;

Goose Lake, located in the Township of Fenelon;

Goose Lake, located in the Townships of Fenelon and Somerville.

Fishing of any kind is prohibited in these areas, and we believe that they will act as perennial sources of replenishment for the outer waters. In many of the closed areas lunge and large-mouthed black bass live and thrive. In some instances there are mixed environmental conditions, so that small-mouthed black bass is a frequent inhabitant also.

We propose to follow up the action taken by studying the results of this closure from time to time. If there are deficiencies in these closed areas, we propose to remedy these, if possible. For example, conditions in certain areas may be vastly improved by eliminating useless competitors or enemies? A number of areas show distinct possibilities for rearing lunge and bass under controlled conditions.

CLOSED WATERS

In addition to the waters closed for purposes of bass and maskinonge propagation, as stated on pages 20 and 21 the following waters were closed for the protection and natural propagation of the species specified, namely:

(a) **For Maskinonge Propagation:**
BEAVER CREEK:
Township of Marmora, County of Hastings; from Fidlar's Rapids to the outlet at Crow River. (This stream was also closed for the propagation of black bass).

BERRY CREEK:
Located on Crown Lands and on Indian Reserve, Territory 32A, before entering Long Bay of the Lake of the Woods, District of Kenora.

(b) **For Speckled Trout Propagation:**
BEAVER CREEK:
Township of Barrie, County of Frontenac, and in the Townships of Anglesea and Kaladar, County of Lennox and Addington.

CHIPPEWA CREEK:
Township of Widdifield, District of Nipissing.

CRAFT'S CREEK:
Townships of Mountjoy, Jessop, and Murphy, District of Timiskaming.

DUCHESNEY CREEK:
Townships of Commanda and Widdifield, District of Nipissing.

ELORA CREEK:
Township of Woolwich, County of Waterloo.

FINN'S CREEK:
Township of Sullivan, County of Grey.

FRASER CREEK:
Township of Cashel, County of Hastings, and in the Township of Effingham, County of Lennox and Addington.

LEE'S CREEK:
Township of Keppel, County of Grey.

LITTLE OUSE RIVER:
Township of Dummer, County of Peterborough.

NIGGER CREEK:
Township of Holland, County of Grey.

RAWDON CREEK:
Townships of Huntingdon and Rawdon, County of Hastings.

ST. JACOB'S CREEK:
Township of Waterloo, County of Waterloo.

SARGENT'S LAKE:
Township of Holland, County of Grey.

SPENCER CREEK:
Townships of Beverly and Flamboro, County of Wentworth.

STURGEON RIVER:
Townships of Medonte and Tay, County of Simcoe.
(This stream is also closed for the propagation of rainbow trout).

TRIBUTARIES TO WILLIAMS LAKE:
Township of Holland, County of Grey.

(c) **For Aurora Trout Propagation:**
WHITE PINE LAKE:
Township of Gamble, Timagami Forest Reserve, District of Timiskaming.

WATER LEVELS

In view of the shallowness of the water in which maskinonge, pike, black bass, sunfish, minnows and other forage fish spawn, appreciable fluctuations in water levels over such natural spawning areas are detrimental. The Department has appealed to all those responsible for such operations and the Department of Railways and Canals, which has jurisdiction over the Trent Valley Canal System, was supplied with the following data on the waters under their jurisdiction, namely, the fish frequenting the waters, the spawning dates of the various species, and the spawning depths. As a result we look for definite improvement along these lines and information received from our field officers, or those best qualified to judge, indicate that during the past season considerable improvement was evident along these lines.

REMOVAL OF COARSE FISH:

Between December 19, 1936, and January 31, 1937, hoop nets were operated for the removal of ling from the following waters:

(a) **In Leeds County:**
Rideau Lake (vicinity of Portland,
Rideau Ferry and Sand Island);
Beverly, Charleston, Crosby, Otter, Sand and Wolf Lakes.

(b) **In Lanark County:**
Tay River, Otty, and Pike Lakes.

(c) **In Frontenac County:**
Crow and Bob's Lakes.

The total number of ling removed from these waters was 12,315. The average weight of the ling taken was four pounds; therefore, the total amount of ling removed was in the neighbourhood of twenty-five tons.

FISH PLANTING SURVEYS

The following fish planting surveys were carried out during the year:

WATERS	COUNTY	TOWNSHIP
Almond Creek	Elgin	Bayham
Earnshaw Creek	Elgin	Southwold
Ferguson's Pond (on Earnshaw Cr.)	Elgin	Southwold
Grange Hall Creek	Elgin	Malahide
Little Otter Creek	Elgin Norfolk	Bayham Houghton
Mitchell or Lanner Stream	Elgin	Bayham
Crawford Lake	Halton	Nassagaweya
Wye Creek	Middlesex	Nissouri W.
Echo Lake	Muskoka	McLean
Sparrow Lake	Muskoka Simcoe	Morrison Matchedash, Orillia
Eckert or Manery's Creek	Norfolk	Middleton
Leach Creek	Norfolk	Houghton
Unnamed Creek (near Courtland)	Norfolk	Middleton
Five Point Stream	Oxford	Oxford W.
Hodges Mill Pond	Oxford	Oxford E.
McCabe's Creek	Oxford	Norwich S.
Tottle Lake	Oxford	Blenheim
Deer River	Peterborough	Harvey, Burleigh
Eels Creek	Peterborough	Burleigh, Anstruther
Mississauga River	Peterborough	Harvey
Mary Lake	York	King
Old Holland River	York	Gwillimbury E.
Pond at Richmond Hill	York	Vaughan

ACKNOWLEDGMENTS

In conclusion I desire to give expression to my appreciation of the valuable assistance and co-operation received by the Department from many sources during the year.

Our work which at times is unquestionably somewhat difficult has been made the more pleasant and enjoyable by reason of the continued co-operation of interested individuals and the various Fish and Game Protective Associations throughout the Province. My contacts with officers and members of many of these organizations encourages a thought that the work of these Associations has become so well known and their usefulnes so apparent that there is no question as to the place they occupy in the sphere of game and fish conservation.

An obvious result of the gathering together of any group or organization of men to discuss measures for the benefit of all, will be a spread of knowledge resulting in a more enlightened type of citizen, and incidentally a better community to live in. A Sportsmen's Organization accomplishes these things, and, while it is concerned with the conservation of fish and game throughout the Province, it is primarily interested in seeing that everything possible is done to ensure satisfactory local conditions.

We believe that the work of the Protective Associations throughout the Province is of very great value, and are therefore anxious to encourage the organization and development of these associations wherever possible. The fact of membership in a Fish and Game Protective Association implies good sportsmanship, and good sportsmanship is the key to a liberal enjoyment of those healthful pleasures which are our heritage.

Mention is also made of the fact that generally speaking, members of the staff, both the inside and the outside service, have conducted themselves and performed the duties assigned to them in the best interests of the Department and its varied activities.

All of which is respectfully submitted.

I am, Sir,
Your obedient servant,
D. J. TAYLOR,
Deputy Minister of Game and Fisheries

Toronto 2, March 9th, 1938.

APPENDIX No. 1

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1936, to March 31st, 1937

LARGE-MOUTHED BLACK BASS

FRY

Bruce:	
Agar Lake	15,000
Arran Lake	10,000
Grey:	
McNab Lake	20,000

FINGERLINGS

Lanark:	
Clayton Lake	1,000
Leeds:	
Bass Lake	1,000
Gananoque Lake	138*
Lower Beverley Lake	2,000
Sand Lake	1,200
Whitefish Lake	1,000
Norfolk:	
Little Lake	560
Parry Sound:	
Manitowaba Lake	500
Peterborough:	
Rice Lake	1,000

* Adults

SMALL-MOUTHED BLACK BASS

FRY

Bruce:	
Britain Lake	5,000
Cameron Lake	10,000
Chesley Lake	15,000
Cyprus Lake	10,000
Gould Lake	15,000
Isaac Lake	15,000
Miller Lake	10,000
Sauble River	45,000
Saugeen River	30,000
Shouldice Lake	10,000
Silver Lake	10,000
Frontenac:	
Bass Lake	5,000
Big Clear Lake	5,000
Bobs Lake	10,000
Bull Lake	5,000
Cross Lake	5,000
Crotch Lake	10,000
Crow Lake	5,000
Eagle Lake	5,000
Kashwakamak Lake	5,000
Long Lake (Hinchinbrooke)	5,000
Horseshoe Lake	5,000
Marble Lake	5,000
Mississagagon Lake	5,000
Rock Lake	5,000
Sharbot Lake	10,000
Grey:	
Francis Lake	5,000
Wilcox Lake	7,500
Haldimand:	
Grand River	25,000
Haliburton:	
Paudash Lake	10,000
Hastings:	
Baptiste Lake	5,000
Bass Lake	5,000
Crow Lake and river	5,000
Gunter Lake	5,000
Little Salmon Lake	5,000
Moira Lake	5,000
Moira River	10,000
Oak Hill Lake	5,000
Pine Lake	5,000
Stoco Lake	10,000
Wadsworth Lake	5,000
West Lake	5,000
Huron:	
Bluevale River	15,000
Lanark:	
Fagan's Lake	5,000
Otty Lake	5,000
Leeds:	
Big Rideau Lake	5,000
Charleston Lake	10,000
Crosby Lake	5,000
Otter Lake	5,000
Sand Lake	5,000
Wolfe Lake	5,000
Lennox-Addington:	
Beaver Lake	5,000
Varty Lake	5,000
Muskoka:	
Bass Lake	10,000
Buck Lake	10,000
Dickie Lake	10,000
Duck Lake	10,000
Henshaw Lake	10,000
Lake Rosseau	40,000
MacKay's Lake	15,000
Pine Lake	15,000
Riley Lake	10,000
Silver Lake	10,000
Sucker Lake	10,000
Three Mile Lake	20,000
Northumberland:	
Crow Bay	5,000
Trent River	10,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1936, to March 31st, 1937—Continued

SMALL-MOUTHED BLACK BASS —Continued

Parry Sound:	
Bass Lake	10,000
Peterborough:	
Belmont Lake	2,500
Buckhorn Lake	5,000
Clear Lake	5,000
Deer Lake	5,000
Little Cedar Lake	5,000
Loon Lake	10,000
Otonabee River	5,000
Pigeon Lake	5,000
Quarry Lake	5,000
Rice Lake	5,000
Round Lake	5,000
Sandy Lake	5,000
Prince Edward:	
Consecon Lake	5,000
Roblin's Lake	5,000
Stormont:	
St. Lawrence River	5,000
Victoria:	
Sturgeon Lake	5,000
Waterloo:	
Conestoga River	25,000
Grand River	25,000

FINGERLINGS

Carleton:	
Ottawa River	1,000
Frontenac:	
Bear Lake	1,000
Canonto Lake	1,000
Chippego Lake	1,000
Crotch Lake	1,000
Desert Lake	1,000
Draper Lake	1,000
Long Lake (Clarendon)	1,000
Long Lake (Portland)	1,000
Loughborough Lake	1,000
Lucky Lake	1,000
Mazinaw Lake	1,000
Pine Lake	1,000
Schooner Lake	1,000
Silver Lake	1,000
Spectacle Lake	1,000
Sydenham Lake	500
Thirteen Island Lake	1,000
Thirty Island Lake	1,000
White Lake	1,030
Halton:	
Bronte Creek	1,000
Oakville Creek	1,000
Hastings:	
Bow Lake	1,000
Loon Lake	1,000
Kent:	
Rondeau Bay	350
Lanark:	
Bartram Lake	1,000
Christie Lake	500
Dalhousie Lake	1,000
Long Lake	1,000
Mississippi Lake	1,000
Mississippi River	1,000
Pike Lake	500
Leeds:	
Benson Lake	1,000
Crow Lake	1,000
Gananoque Lake	1,000
Newborough Lake	1,000
Troy Lake	1,000
Whitefish Lake	1,000
Lennox-Addington:	
Long Lake	1,000
South Beaver Lake	1,000
White Lake	1,000
MUSKOKA:	
Lake Joseph	1,000
Lake Stewart	1,000
Little Sand Lake	500
Long Lake	1,000
Muskoka Lake	1,000
Nine Mile Lake	1,000
Norfolk:	
Nanticoke Creek	500
Parry Sound:	
Ahmic Lake	500
Beaver Lake	500
Bella Lake	500
Bells Lake	500
Bilson Lake	500
Blackburn Lake	500
Cecebe Lake	500
Clear Lake	1,000
Cummings Lake	500
Darlington Lake	500
Deer Lake (Lount)	1,000
Devolve Lake	1,000
Doe Lake	500
Head of Lake Joseph	1,000
Lake of Many Islands	500
Little Clam Lake	500
Little Deer Lake	500
Magnetawan River	500
Manitowaba Lake	500
Maple Lake	1,000
Mary Jane Lake	500
McGowan Lake	500
Neighick Lake	500
Pickerel Lake	1,000
Portage Lake	1,000
Plumtree Lake	1,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1936, to March 31st, 1937—Continued

SMALL-MOUTHED BLACK BASS —Continued

Parry Sound—Cont.	
Rainy Lake	500
Rankin's Lake	500
Sequin River	500
Shawanaga Lake	500
Shebeshekong Lake	500
Turtle Lake	1,000
Whitefish Lake	1,000
Whitestone Lake	500
Renfrew:	
Moccasin Lake	1,000
White Lake	1,000
Russell:	
Castor River	500

ADULTS

Haliburton:	
Beach Lake	300
Black Lake	300
Brady Lake	300
Davis Lake	300
Grace Lake	600
Gull Lake	300
Hurricane Lake	300
Kashagawigamog Lake	300
Saskatchewan Lake	300
Soyer Lake	300
Kenora:	
Long Lake	43
Kent:	
Rondeau Bay	160
Leeds:	
Beverley Lake	115
Gananoque Lake	100
Lennox and Addington:	
Weslemkoon Lake	114
Muskoka:	
Deep Bay (Sparrow Lake)	150
Rainy River:	
Clearwater Lake	240
Jackfish Lake	25
One-sided Lake	200
Pipestone Lake	25
Sudbury:	
French River	30
Victoria:	
Pigeon Lake	300
Sturgeon Lake	300
Wellington:	
Reformatory Pond	100

NOTE: All adult bass were harvested from natural waters in the areas or districts specified, excepting the last item.

MASKINONGE

FRY

Hastings:	
Crow River	10,000
Northumberland:	
Crow Bay	5,000
Rice Lake	30,000
Trent River	27,000
Peterborough:	
Buckhorn Lake	5,000
Chemong Lake	20,000
Clear Lake	5,000
Deer Bay	10,000
Katchawanooka Lake	10,000
Lovesick Lake	10,000
Otonabee River	5,000
Pigeon Lake	25,000
Trent River	10,000
Prince Edward:	
Muscote Bay	12,000
Simcoe:	
Holland River	25,000
Victoria:	
Balsam Lake	30,000
Pigeon River	30,000
Sturgeon Lake	5,000

PERCH

Essex:	
Lake Erie	46,080,000

PICKEREL

Algoma:	
Alma Lake	200,000
Bright Lake	500,000
Clear Lake	250,000
Cummings Lake	500,000
Desbarats Lake	500,000
Echo Lake	410,000
Gordon Lake	500,000
Little Bass Lake	500,000
Little Clear Lake	250,000
Long Lake	1,000,000
Mississauga Lake	1,000,000
Rock Lake	500,000
Brant:	
Grand River	500,000
Bruce:	
Chesley Lake	100,000
Isaac Lake	500,000
Saugeen River	1,500,000
Silver Lake	200,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1936, to March 31st, 1937—Continued

PICKEREL—Continued

Carleton:	
Rideau River	300,000
Ottawa River	400,000
Cochrane:	
Barber's Bay	250,000
Mortimer Lake	250,000
Reid Lake	250,000
Remi Lake	500,000
Wilson Lake	250,000
Frontenac:	
Big Clear Lake	250,000
Bobs Lake	500,000
Bull Lake	250,000
Clear Lake	100,000
Crow Lake	200,000
Devil Lake	100,000
Fourteen Island Lake	300,000
Green Lake	100,000
Gull Lake	500,000
Horseshoe Lake	100,000
Kashwakamak Lake	500,000
Lake Chippego	200,000
(Little) Mississagagon Lake	200,000
Long Lake (Hinchinbrooke)	200,000
Long Lake (Portland)	500,000
Malcolm Lake	100,000
Marble Lake	200,000
Mississagagon Lake	200,000
Mississippi River	500,000
Rock Lake	300,000
Salmon River	100,000
Sand Lake	500,000
Sharbot Lake	700,000
Silver Lake	100,000
Grenville:	
Nation River	100,000
Grey:	
Mountain Lake	100,000
Haliburton:	
Paudash Lake	400,000
Hastings:	
Fraser Lake	200,000
Moira Lake	300,000
Moira River	200,000
Soyers Lake	200,000
Stoco Lake	300,000
York River	200,000
Huron:	
Fordwich Mill Pond	200,000
Kenora:	
Berry Lake	100,000
Big Vermilion Lake	2,500,000
Dogtooth Lake	150,000
Eagle Lake	2,500,000
Granite Lake	100,000
Lake of the Woods	18,200,000
Long Pine Lake	200,000
Lulu Lake	1,000,000
Marchington Lake	2,000,000
Stanzikihimi Lake	2,000,000
Wabigoon Lake	500,000
Lanark:	
Bennet's Lake	300,000
Big Rideau Lake	1,300,000
Black Lake	200,000
Christies Lake	200,000
Dalhousie Lake	700,000
Joe's Lake	100,000
Lower Rideau	1,500,000
Mississippi Lake	300,000
Mississippi River	500,000
Patterson's Lake	200,000
Rideau River	500,000
Leeds:	
Bass Lake	500,000
Crosby Lake	200,000
Higley Lake	500,000
Opinicon Lake	400,000
Sand Lake	100,000
West Rideau Lake	500,000
Lennox and Addington:	
Bass Lake	100,000
Long Lake	400,000
Napanee River	250,000
South Beaver Lake	250,000
White Lake	400,000
Manitoulin:	
Kagawong Lake	2,000,000
Lake Mindemoya	1,000,000
Muskoka:	
Allan's Lake	100,000
Bins Lake	100,000
Henshaw Lake	100,000
Kahshe Lake	250,000
Lake Muskoka	1,000,000
Lake Rosseau	1,400,000
Long Lake	100,000
Longford Lake, South	400,000
Mootes Lake	100,000
Silver Lake	100,000
Six Mile Lake	500,000
Sparrow Lake	2,000,000 (eggs)
Spence Lake	100,000
Spring Lake	50,000
Sucker Lake	100,000
Three Mile Lake	200,000
Nipissing:	
Bruce Lake	100,000
Cache Lake	150,000
Champlain Lake	500,000
Finlayson Lake	100,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1936, to March 31st, 1937—Continued

PICKEREL—Continued

Nipissing—Continued	
Jumping Caribou Lake	200,000
Lake Nosbonsing	500,000
Lake Talon	250,000
Lake Timagami	1,700,000
Martin Lake	300,000
McPhee Lake	100,000
Red Cedar Lake	300,000
Tilden Lake	100,000
Wasing Lake	300,000
Wickstead Lake	300,000
Wilson Lake	100,000
Northumberland:	
Crow Bay	250,000
Mud Lake	250,000
Presqu'ile Bay	500,000
Rice Lake	1,200,000
Trent River	1,000,000
Oxford:	
Lake Lisgar	500,000
Parry Sound:	
Ahmic Lake	1,000,000
Axe Lake	200,000
Barton Lake	100,000
Beaver Lake	100,000
Commanda Lake	200,000
Dobbs Lake	100,000
Doe Lake	300,000
Isabella Lake	200,000
Head of Lake Joseph	500,000
Lake Cecebe	200,000
Lake of Many Islands	250,000
Little Deer Lake	250,000
Magnetawan River	250,000
McQuaby's Lake	100,000
Osler's Lake	400,000
Otter Lake	400,000
Pickerel Lake	100,000
Portage Lake	250,000
Restoule Lake	200,000
Sand Lake	100,000
Sequin River	200,000
Shawanaga Lake	250,000
Shebeshekong Lake	100,000
Squaw Lake	200,000
Stanley Lake	100,000
Stormy Lake	100,000
Sucker Lake	250,000
Wah-Wash-Kesh Lake	300,000
Whitstone Lake	200,000
Wolf Lake	100,000
Wolf River	300,000
Wilson Lake	100,000
Peterborough:	
Indian River	250,000
Otonabee River and Little Lake	1,200,000
Quarry Lake	410,000
Rice Lake and Trent River	250,000
Prince Edward:	
Bay of Quinte	10,502,000
Consecon Lake	500,000
East Lake	500,000
Rainy River:	
Beaverhouse Lake	1,000,000
Clearwater Lake	2,000,000
Off Lake	1,000,000
Quill Lake	2,000,000
Rainy Lake	77,000,000
Windigo Lake	1,000,000
Renfrew:	
Blackfish Lake	200,000
Chats Lake	1,000,000
Golden Lake	1,000,000
Madawaska River	1,000,000
Norway Lake	300,000
Ottawa River	200,000
Petawawa River	900,000
Sturgeon Lake	600,000
Russell:	
Castor River	100,000
Simcoe:	
Gloucester Pool	2,500,000
Lake Couchicing	4,000,000
Little Lake	400,000
Matchedash Bay	2,000,000
Nottawasaga River	500,000
Severn River	500,000
Stormont:	
Nation River	100,000
St. Lawrence River	2,037,500
Sudbury:	
Bear Lake	500,000
Birch Lake	250,000
Lake Penage	3,000,000
Matagamasi Lake	250,000
Onaping Lake	1,000,000
Ox Lake	1,000,000
Ramsay Lake	1,000,000
Trout Lake	250,000
Unnamed Lake	200,000
Wanapitei Lake	1,000,000
Thunder Bay:	
Baril Lake	100,000
Cordingley Lake	250,000
Lake of the Flats	100,000
Lake Shebandowan	200,000
Timiskaming:	
Hound Chutes	100,000
Lake Timiskaming	500,000
Montreal River	200,000
Net Lake	100,000
Rib Lake	100,000
Round Lake	100,000
Sesekinika Lake	800,000
Trout Lake	100,000
Twin Lake	100,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1936, to March 31st, 1937—Continued

PICKEREL—Continued

Victoria:	
Lake Dalrymple	500,000
Mud Turtle Lake	100,000
Round Lake	500,000
Young's Lake	200,000
Great Lakes:	
Lake Huron	64,500,000
Georgian Bay	2,000,000
North Channel	4,300,000
Lake Superior	20,150,000

NOTE: Planting for Lake Ontario listed under Bay of Quinte (Prince Edward County)

BROWN TROUT

FINGERLINGS

Brant:	
Whiteman's Creek	5,000
Bruce:	
Cameron Lake	5,000
Crane Lake	5,000
Crane River	5,000
Cyprus Lake	5,000
Saugeen River	10,000
Vogt's Creek	5,000
Carleton:	
Mississippi River	2,000
Durham:	
Baxter's Creek	1,500
Elgin:	
Little Otter River	5,000
Grey:	
Big Head River	10,000
Creamery Creek	2,000
Harrison Park Creek	5,000
Potawatami River	12,000
Saugeen River	15,000
Styx River	5,000
Sydenham River	5,000
Weatherspoon Creek	3,000
Haldimand:	
Grand River	5,000
Halton:	
N. Branch Sixteen Mile Creek	7,000
Manitoulin:	
River Manitou	10,000
Norfolk:	
Nanticoke Creek	1,000
Peterborough:	
Deer Bay Creek	1,500
Dickson's Creek	1,500
Eel's Creek	1,000
Jack's Creek	1,500
Mississauga River	1,500
Nogies Creek	1,500
Simcoe:	
Nottawasaga River	10,000
Demonstration purposes	50

YEARLINGS

Brant:	
Whiteman's Creek	1,000
Elgin:	
Little Otter River	1,000
Grey:	
Beaver River (lower reaches)	1,120
Big Head River	1,125
Simcoe:	
Nottawasaga River	3,000
Demonstration purposes	45

LAKE TROUT

FRY

Frontenac:	
Big Gull Lake	50,000
Buckshot Lake	4,000
Camp Lake	4,000
Canonto Lake	4,000
Crow Lake	15,000
Devil Lake	20,000
Draper Lake	10,000
Long Lake	25,000
Mackie Lake	4,000
Mississagagon Lake	4,000
Palmerston Lake	4,000
Rock Lake	4,000
Thirty Island Lake	55,000
Leeds:	
Big Rideau	25,000
Charleston Lake	45,000
Indian Lake	10,000
Otter Lake	15,000
Red Horse Lake	30,000
Lennox-Addington:	
Mazinaw Lake	25,000
Otter Lake	10,000
Silver Lake	10,000
White Lake	5,000
Great Lakes:	
Lake Ontario	1,187,000
Lake Huron and North Channel	100,000
Lake Superior	2,500,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1936, to March 31st, 1937—Continued

Lake Trout—Continued

EYED EGGS

Exchange	3,200,000
Demonstration purposes	9,400

FINGERLINGS

Algoma:	
Achigan Lake	20,000
Basswood Lake	25,000
Big Bear Lake	15,000
Chiblow Lake	50,000
Clear Lake (188)	70,000
Cumming Lake	10,000
Deep Lake	10,000
Grey Trout Lake	10,000
Hawk Lake	10,000
Hobon Lake	15,000
Jobammeghia Lake	15,000
Lake Matinenda	25,000
Lake Tendinenda	25,000
Lake of the Mountains	10,000
Lonely Lake	10,000
Loon Lake	10,000
Moose Lake	25,000
McCarroll's Lake	10,000
Patten Lake	25,000
Pickerel Lake	10,000
Rainbow Lake	15,000
Raw Hide Lake	30,000
Red Deer Lake	10,000
Sand Lake	25,000
Stuart Lake	25,000
Trout Lake (Aweres)	10,000
Trout Lake (24-R-12)	10,000
Upper Island Lake	10,000
Weckstrom's Lake	5,000
Bruce:	
Gillies Lake	27,000
Cochrane:	
Chapman Lake	10,000
Nellies Lake	10,000
Perry Lake	10,000
Frontenac:	
Canonto Lake	4,000
Crotch Lake	4,000
Eagle Lake	4,000
Green Lake	5,000
Grindstone Lake	4,000
Sharbot Lake	4,000
Haliburton:	
Bear Lake (Glamorgan)	5,000
Bear Lake (Livingstone)	4,000
Beech Lake	5,000
Big Boskung Lake	10,000
Bow Lake	5,000
Clearwater Lake	4,000
Davis Lake	5,000
Drag Lake	10,000
Eagle Lake	5,000
East Lake	4,000
Fletcher Lake	4,000
Gull Lake	15,000
Haliburton Lake	15,000
Hall's Lake	10,000
Hawke Lake	4,000
Hollow Lake	8,000
Horseshoe Lake	5,000
Kashawigamog Lake	10,000
Kimball Lake	4,000
Kushog Lake	10,000
Little Boskung Lake	10,000
Little Hawke Lake	10,000
Maple Lake	5,000
Moose Lake	5,000
Mountain Lake	10,000
McFadden Lake	4,000
Oblong Lake	5,000
Otter Lake	10,000
Paudash Lake	4,000
Pine Lake	5,000
Redstone Lake	10,000
South Bay	5,000
Spruce Lake	4,000
Stormy Lake	5,000
St. Norah's Lake	4,000
Twelve Mile Lake	10,000
White Trout Lake	4,000
Wolf Lake	5,000
Hastings:	
Baptiste Lake	80,000
Bass Lake	4,000
Bay Lake	4,000
Big Egan Lake	4,000
Big Salmon Lake	4,000
Clear Lake (Herschel)	60,000
Clear Lake (Lake)	4,000
Eagle Lake	4,000
Jamieson Lake	4,000
Kaminiskeg Lake	25,000
Limestone Lake	2,000
Little Salmon Lake	4,000
Lavelle Lake	4,000
Long Lake (Mayo)	6,000
Quinlan Lake	2,000
Robinson Lake	2,000
Trout Lake (Herschel)	60,000
Weslemkoon Lake	4,000
Kenora:	
Armstrong Lake	50,000
Big Stone Lake	6,000
Big Vermilion Lake	110,000
Clearwater Bay	125,000
Cul de Sac Lake	50,000
Dogtooth Lake	50,000
Eagle Lake	50,000
Granite Lake	50,000
Silver Lake	50,000
Trout Lake	50,000
Whitefish Bay	75,000
Lanark:	
Lower Rideau	30,000
Silver Lake	30,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1936, to March 31st, 1937—Continued

Lake Trout—Continued

Manitoulin:

Kagawong Lake	25,000
Manitou Lake	25,000

Muskoka:

Bass Lake	4,000
Bella Lake	4,000
Benson's Lake	4,000
Big Twin Lake	4,000
Britannia Bay	4,000
Bruce's Lake	4,000
Clear Lake (McLean)	4,000
Clear Lake (Ridout)	4,000
Clear Lake (Sinclair)	4,000
Fairy Lake	8,000
Fox Lake	4,000
Haystack Bay	4,000
Lake of Bays	16,000
Lake Joseph	16,000
Lake Muskoka	18,000
Lake Rosseau	24,000
Little Clear Lake	4,000
Little Twin Lake	4,000
Long Lake	4,000
Loon Lake	4,000
Mary's Lake	4,000
McCrea's Lake	4,000
Peninsula Lake	8,000
Portage Bay and Narrows	4,000
Poverty Lake	4,000
Rebecca Lake	4,000
St. Mary's Lake	4,000
Skeleton Lake	16,000
Sucker Lake	4,000
Ten Mile Lake	4,000
Trout Lake	4,000
Vernon Lake	8,000
Waseosa Lake	4,000

Nipissing:

Buck Lake	5,000
Cameron Lake	10,000
Canoe Lake	8,000
Cross Lake	10,000
Dotty's Lake	4,000
Jumping Caribou Lake	15,000
Lake Timagami	50,000
Martin Lake	15,000
Moore's Lake	10,000
Oxbow Lake	4,000
Red Cedar Lake	15,000
Round Lake	4,000
Smoke Lake	8,000
South Tea Lake	8,000
Sturgeon Lake	10,000
Trout Lake	45,000
Turtle Lake	15,000
Two Rivers Lake	10,000
Whitney Lake	10,000
Wilson Lake	15,000

Parry Sound:

Bay Lake	4,000
Clear Lake (Perry)	4,000
Clear Lake (Humphry)	4,000
Eagle Lake	8,000
Eleanor Lake	4,000
Foley Lake	4,000
Head of Lake Joseph	4,000
Horn Lake	8,000
Lorimer Lake	8,000
Otter Lake	8,000
Portage Lake	4,000
Sand Lake	8,000
Star Lake	4,000
Three Legged Lake	8,000
Trout Lake	4,000
Whitefish Lake	4,000

Renfrew:

Bark Lake	25,000
Barry's Bay	10,000
Blackfish Bay	10,000
Carson Lake	10,000
Condon Lake	10,000
Diamond Lake	10,000
Greenan's Lake	5,000
Lake Clear	25,000
Long Lake	25,000
Lower Carson Lake	10,000
Pog Lake	15,000
Round Lake	10,000
Trout Lake (Griffith)	15,000
Trout Lake (Sherwood)	10,000
Wadsworth's Lake	20,000

Simcoe:

Lake Simcoe	34,000

Sudbury:

Bell Lake	50,000
Ella Lake	10,000
Lake Penage	25,000
Long Lake	10,000
Loon Lake	25,000
Ramsay Lake	10,000
Trout Lake	15,000
Wanapitei Lake	25,000
Weiquid Lake	25,000
Windy Lake	25,000

Thunder Bay:

Baril Lake	50,000
Brown Lake	25,000
Jarvis Bay	100,000
Lac Des Mille Lacs	50,000
McKenzie Lake	50,000
Surprise Lake	20,000
Twin Lakes	75,000
Wawon Lake	25,000

Timiskaming:

Larder Lake	25,000
Net Lake	10,000
Rib Lake	15,000
Twin Lake	15,000
Trout Lake	15,000
Watabeag Lake	15,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1936, to March 31st, 1937—Continued

Lake Trout—Continued

Victoria:	
Birch Bark Lake	5,000
Great Lakes:	
Georgian Bay	4,509,000
Lake Huron and North Channel	6,470,000
Lake Superior	3,765,000
Lake Ontario	45,244

RAINBOW TROUT

FINGERLINGS

Algoma:	
Chippewa River	2,000
Bruce:	
Teeswater River	10,000
Dufferin:	
Lower Nottawasaga River	10,000
Elgin:	
St. Thomas Reservoir	2,000
Grey:	
Sheppard's Lake	17,000
Sydenham River	30,000
Norfolk:	
Black Creek	10,000
Lynn River	5,000
North Creek	4,000
Young's Creek	5,000
Simcoe:	
Brough's Creek	5,000
Sudbury:	
Emery Creek	5,000
Sauble River	2,000
York:	
Humber River	20,000
Sales	6,000

YEARLINGS

Grey:	
Sydenham River	501*
Simcoe:	
Brough's Creek	1,740
York:	
Humber River	238
Demonstration purposes and sale	1,028**

* Surplus adults....96
** Surplus adults....93

SPECKLED TROUT

FRY

Hastings:	
Fraser Creek	25,000
Squire's Creek	25,000
Northumberland:	
Black's Creek	25,000
Dawson Creek	40,000
Heffernan's Creek	25,000
Pegman's Creek	25,000
Parry Sound:	
Howard Stream	7,000
Prince Edward:	
Warings Creek	10,000

EYED EGGS

Thunder Bay:	
Bear Lake	2,000
Clegg Lake	5,000
Fork Lake	2,000
Hilma Lake	5,000
Himdick Lake	2,000
Moose Lake	5,000
Pine Lake	2,000
Sand Beach Lake	2,000
Demonstration purposes	3,600

FINGERLINGS

Algoma:	
Arnill Lake	5,000
Bellevue Creek	5,000
Boundary Lake	1,500
Burnt Island Lake	15,000
Centre Lake	1,500
Franklin Lake	1,500
Havilah Lake	1,500
McKinnon's Creek	1,500
Pine Lake (25-R-11)	5,000
Tookenay Lake	15,000
Trout Lake Inlet	1,000
Bruce:	
Big Bay Swamp Creek	2,000
Colpoy's Creek	2,000
Dickie's Creek	5,000
Foster Moffatt Creek	5,000
Judge's Creek	10,000
Sharp's Creek	2,000
Sparrow Creek	1,000
Spring Creek (Carrick)	5,000
Cochrane:	
Charlebois Lake	1,000
Croft's Creek	1,000
Dalton Lake	1,000
Dandurand Creek	1,000
Fuller's Creek	1,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1936, to March 31st, 1937—Continued

SPECKLED TROUT—Continued

Cochrane—Continued	
Grassy River	1,000
Halfway Lake	1,000
Hooker Creek	1,000
Lake of Bays	1,000
Legare Creek	1,000
McIntyre Lake	1,000
Metagami River	1,000
Munro Lake	1,000
Ramsbottom Creek	1,000
Red Sucker Creek	1,000
Rowley Lake	1,000
Waterhen Creek	1,000
Dufferin:	
Cemetery Creek	6,000
Credit River	6,000
Nottawasaga River	7,000
Pine River	8,000
Durham:	
Bert Reid Creek	1,000
Brown's Creek	1,000
Carl Billings Creek	1,000
Cedar Springs	1,000
Cedar Spring Creek	1,000
Cowper's Creek	1,000
DeLong's Stream	500
Hale's Creek	1,000
Luxon's Creek	2,000
Mercer's Creek	1,000
Millson Creek	1,000
Moffatt's Creek	1,000
Patton's Stream	1,000
Rowe's Stream	500
Sowden's Stream	1,000
Sowper's Creek	1,000
Spring Creek	1,000
Thompson's Creek	1,000
Elgin:	
Ball Creek	10,000
Venison Creek	10,000
Frontenac:	
Grindstone Lake	5,000
Grey:	
Beatty River	6,000
Camp Creek	7,500
Deer Creek	6,000
Fairbairn's Creek	5,000
Firth's Creek	5,000
Gravel Pit Creek	5,000
McCartney's Lake	3,000
Mountain Creek	2,000
Mitchell's Creek	1,000
Noble Creek	5,000
Rob Roy Creek	10,000
Tributaries Camp Creek	12,500
Tributaries Rocky Saugeen	5,000
Tributaries Big Head River	5,000

Haliburton:	
Cardiff Lake	2,500
Cross Lake	10,000
Farquhar Lake	2,500
Otta Creek	5,000
Otter Lake	15,000
Round Lake	5,000
Slipper Lake	5,000
Halton:	
Black Creek	8,000
Hastings:	
Crooked Lake	10,000
Green's Lake	10,000
Little Mississippi River	5,000
Rawdon Creek	12,000
Trout Creek	5,000
Huron:	
Blyth Creek	7,000
Porter's Creek	7,000
St. Helen's Creek	1,000
Lanark:	
Clyde River	7,000
Jerry's Creek	3,000
Leeds:	
Willies Brook	1,000
Lennox-Addington:	
Smiths Lake	5,000
White Lake	10,000
Manitoulin:	
Blue Jay Creek	10,000
Hare's Creek	1,000
Muskoka:	
Axe Creek	7,000
Fairy Lake	7,000
Gipsy Bells Creek	5,000
Helve Creek	8,000
Lake Waseosa	8,000
Loon Lake	3,000
Menominee Lake	10,000
Spring Creek (Sinclair)	2,000
Streams-Rat Lake and Lake of Bays	1,000
Nipissing:	
Brule Creek	2,000
Crooked Lake	3,500
McMaster Lake	3,000
Smoky Creek	4,000
Timagami Lake	3,400
Whitney Lake	1,000
Norfolk:	
Nanticoke Creek	8,000
Spooky Hollow Stream	750
Northumberland:	
Callahan's Creek	3,000
DeLong's Creek	500

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1936, to March 31st, 1937—Continued

SPECKLED TROUT—Continued

Northumberland—Continued

Goodrich Creek	15,000
Taylor's Creek	1,000
Valleau Creek	1,000

Oxford:

Manuel Creek	1,000
Sutherland Pond	2,000
Whiting Creek	3,000

Parry Sound:

Boyne River	10,000
Howard Stream	1,000
Sequin River	5,000

Peel:

Kress Stream	14,000
Stream—East Garafraxa	1,000

Renfrew:

Bass Lake	4,000
Black Donald Creek	10,000
Brennan's Creek	4,000
Egan's Lake	10,000
Grant Lake	4,500
Gun Lake	3,000
Gunning Lake	2,000
Heeney's Creek	4,500
Jack's Creek	10,000
Johnson Lake	10,000
Nadeau Creek	10,000
Reserve Lake	10,000
Round Lake	10,000
Trout Lake	10,000
Twin Lakes	10,000
Wylie Creek	10,000

Sudbury:

Anderson Lake	1,000
Johns Creek	7,000
Karl Creek	1,000
McLeod's Creek	5,000
Shenango Creek	1,500
Waddell Lake	1,500

Thunder Bay:

Arnold Creek	5,000
Bender Lake	1,200
Binaback Lake	1,500
Bruce Lake	3,000
Bruley Creek	5,000
Canyon Lake	2,000
Caribou Island Lake	3,000
Cedar Creek	15,000
Center Lake	2,000
Clegg Lake	2,500
Coldwater River	25,000
Deception Lake	15,000
Dixon Lake	3,000
Fork Lake	2,000
Gold Lake	1,500
Grand Lake	2,000
Grange Lake	2,500
Ham Lake	1,000
Hilmar Lake	2,000
Himdick Lake	3,000
Hymers Lake	2,500
Johnston Lake	2,500
Kowkash River	15,000
Loon Creek	2,000
Mackintosh Lakes	20,000
McIntyre River	25,000
Neebing River	15,000
Pass Lake	5,000
Pearl River	25,000
Pitch Creek	10,000
Rainbow Lake	2,000
Sandy Beach Lake	2,000
Silver Lake	15,000
Spring Lake	5,000
Squaw Lake	3,000
Sunset Lake	2,000
Upper Pass Lake	5,000
Whitewood Creek	5,000
Wideman Lake	5,000
Wigan Lake	4,600
Wigwam Lake	3,500

Timiskaming:

Crystal Lake	2,000
Fairy Lake	3,000
Jean Baptiste Lake	2,000
Latour Creek	3,000
Loon Creek	1,000
Maiden Creek	1,000
Moffatt Creek	3,000
Moloney Creek	1,000
Pike Creek	2,000
Small Spot Creek	1,000
Spring Creek	2,000
Sesekinika Creek	2,000
Trout Creek	1,600
Wabi Creek	2,000
Watabeag River	2,000

Waterloo:

Elora Stream	5,000
Erbsville Creek	7,000
Groves Creek	1,000
Idyle Wild Stream	5,000
Mannheim Stream	7,000

Welland:

Effingham Stream	9,000
Sulphur Springs	9,000

Wellington:

Beley's Creek	2,000
Bell's Creek	10,000
Bradley Creek	5,000
Erin Mill Pond	6,000
Ospringe Creek	2,500
Saugeen River	6,000
Speed River	5,000

Sales	3,000

YEARLINGS

Algoma:

Achigan Creek	3,000
Achigan Lake	2,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1936, to March 31st, 1937—Continued

SPECKLED TROUT—Continued

Algoma—Continued

Agawa River	4,000
Alva Lake	1,000
Anjigami Creek	2,000
Basswood Lake	1,500
Batchewana River	4,000
Bull Creek	500
Burrough's Lake	500
Caldwell's Lake	500
Camp 8 Creek	1,000
Caribou Lake	3,000
Chippewa River	4,000
Clear Lake Creek	1,000
Clearwater Creek	2,000
Driving Creek	3,000
East Twin Lake	500
Garden River	3,000
Goulais River	3,000
Gravel River	500
Hawk Lake	1,000
Hoath Lake	3,000
Hobon Lake	2,000
Hubert Lake	2,000
Jobammeghia Lake	2,000
Lafoe Creek	500
Long Lake	500
Loon Lake Creek	200
Loon Lake (Deroche)	3,000
Loon Lake (Kirkwood)	300
Loon Lake (24-R-13)	2,000
Loonskin Lake	2,000
Lower Island Lake	3,000
McCormick Lake	1,000
McVeigh Lake	1,000
Mashagami Lake	4,000
Michipicoten River	4,000
Mile 58 Lake	1,000
Mississauga River	5,000
Mongoose Lake	2,000
Moose Lake	2,000
Mountain Lake	3,000
Osborne Creek	500
Patten Lake	3,000
Pine Lake (24-R-13)	1,000
Pine Lake (25-R-11)	1,000
Pinkney Lake	1,000
Rapid River	1,000
Root River	3,000
Sand Lake Creek	2,000
Sand River	1,000
Sharp Sand River	1,500
Silver Creek	3,000
Snowshoe Creek	2,000
Speckled Trout Lake	3,000
Spruce Lake	2,000
Tamarack Lake	500
Tawabinasay Lake	2,000
Tea Lake	2,000
Tendinenda Lake	1,000
Thessalon (Little) River	1,000
Triple Lake	500
Trout Lake (62)	2,000
Trout Lake (Aweres)	3,000
Twin Lake	4,000
Upper Island Lake	3,000
Wa Wa Lake	2,000
Walker Lake	1,500
Wallace Lake	500
Wartz Lake	2,000
Weckstrom's Lake	1,500
West Twin Lake	500

Bruce:

Spring Creek (Amabel)	1,000
Stoney Creek	1,000
Willow Creek	1,000

Dufferin:

Huxtable Creek	1,000

Durham:

Best Pond	250
Burk's Pond	500
Cavan Stream	3,000
Elizabethville Creek	1,000
Jamieson Pond	250
Leskard Creek	700
North Orono Stream	300
Park Stream	1,000
White Pond	500

Frontenac:

Black Creek	2,400
Creek from Mountain Grove to Clear Lake (Olden)	1,200
Sharbot Creek	3,800
Trout Lake	2,400

Grey:

Beatty River	500
Beaver River	3,000
Berkeley Lake	1,000
Binns Creek	1,000
Boyd's Lake	1,000
Caseman's Creek	500
Christie Creek	500
Eugenia Lake	2,050
Firth's Creek	1,100
Glen Creek	375
Lee's Creek	500
Miller Creek	1,000
Nigger Creek	500
Rocky River	1,000
Sargent's Lake	2,500
Styx River	1,000
Sydenham River	2,585
Williams Lake	1,000

Haliburton:

Bear Creek	1,500
East River	1,250
Hawk River	1,000
Hollow River	1,250
Little Black River	1,000
McCue Creek	1,500

Hastings:

Bartlett Creek	1,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1936, to March 31st, 1937—Continued

SPECKLED TROUT—Continued

Hastings—Continued

Brett's Lake	100
Carleton Creek	200
Cedar Creek	2,400
Deer River	400
Echo Lake	1,250
Egan Creek	3,200
Fraser Creek	4,800
Hick's Lake	1,250
Lake St. Peter	2,500
Limestone Lake	1,000
Little Papineau Creek	2,400
Lott's Pond	1,000
Otter Creek	600
Peel's Lake	500
Rawdon Creek	4,800
Shire Creek	1,600
Springbrook Creek	4,800
Squire's Creek	3,000
Trout Creek	1,050
Walterhouse Creek	1,050
Walterhouse Lake	2,100

Lanark:

Paul's Creek	1,025

Leeds:

Wilton Creek	500

Lennox-Addington:

Ashby Lake	2,400
Beaver Creek	2,400
Enterprise Creek	1,300
Little Spring Creek	2,400

Manitoulin:

Barr's Creek	1,000
Blue Jay Creek	5,000
Mindemoya River	2,000
Srigley Creek	2,000

Muskoka:

Bella Lake	1,250
Big East River	2,500
Breckenridge Lake	2,000
Kay's Creek	300
Lake of Bays	2,000
Little East River	3,000
Muskoka River	1,600
Oxtongue River	1,250
Rebecca Lake	1,250
Skeleton Lake	1,250
Spring Creek (Watt)	100

Nipissing:

Balsam Creek	1,500
Chippewa Creek	2,012
Dorans Creek	1,500
Duschene Creek	1,936
Little Jocko River	3,000

Northumberland:

Baltimore Creek	3,000
Burnley Creek	1,000
Chidley's Creek	500
Dartford Creek	3,000
Dawson Creek	1,000
Duncan's Creek	1,000
Mill Creek	500
O'Grady's Creek	1,500
Piper's Creek	500
Robin's Creek	500
Sandy Flats Creek	3,000
Woodlands Creek	1,000

Peterborough:

Big Ouse River	1,000
Buchanan's Creek	1,500
Little Ouse River	2,000
Long's Creek	3,000
Plateau Creek	1,500

Simcoe:

Black Creek	10,000
Coldwater River	1,000
Sheldon Creek	3,000
Silver Creek	2,000
Sturgeon River	2,000
Tenth Creek	200

Sudbury:

Anderson Lake	1,000
Bertrand Creek	1,000
Green Lake	1,000
Veuve River	1,500

Thunder Bay:

Ada Lake	500
Allen Lake	3,000
Anderson Creek	2,000
Anna Lake	500
Arnold Creek	2,000
Bat Lake	2,000
Big Mackenzie River	6,000
Birch Lake	2,000
Bruley Creek	7,000
Catharine Lake	2,000
Cedar Creek	4,000
Coldwater River	4,000
Corbett Creek	500
Current River	10,800
Echo Lake	2,000
Elbow Lake	4,000
Golden Gate Lake	500
Gravel Lake	6,000
Gulch Lake	2,000
Hoodoo Creek	1,000
Kaministiquia River	6,000
Kowkash River	1,000
Little Ozone Creek	2,000
Loftquist Lake	5,000
Loon Lake	12,000
Loutit Lake	1,000
McIntyre River	5,000
Mac's Lake	2,000
Maud Lake	1,000
Mine Lake	500
Neebing River	4,800
Nipigon River	56,800

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1936, to March 31st, 1937—Continued

SPECKLED TROUT—Continued

Thunder Bay—Continued	
Oliver Lake	3,000
Pearl River	5,000
Pickerel Lake	4,000
Pitch Creek	4,000
Randolph Creek	1,000
Rangers Lake	2,000
Rocky Shore River	2,000
Spectacle Lake	2,000
Spring Lake	6,000
Squaw Creek	6,000
Squaw River	1,000
Trout Lake (Gorham)	12,000
Trout Lake (Stirling)	2,000
Walker's Lake	2,000
Whitewood Creek	4,000
Wolf River	11,610
Wellington:	
Erin Pond	1,000
Wentworth:	
Spencer Creek	2,500
Sales	5,287

ADULTS

Algoma:	
Basswood Lake	400
Bridgland River	700
Heyden Lake	400
Lower Island Lake	400
Trout Lake (Aweres)	400
Grey:	
Firth's Creek	100
Mary's Lake	230
Williams Lake	2,175
Nipissing:	
Chippewa and Duschene Creeks (surplus breeders)	55
Norfolk:	
Walsingham Pond	100
Northumberland:	
Glenfurnte Stream	796
Sales	325

WHITEFISH

FRY

Kenora:	
Lake of the Woods	13,800,000
Prince Edward:	
Bay of Quinte	55,500,000
Rainy River:	
Rainy Lake	14,325,000
Simcoe:	
Lake Simcoe	3,000,000
Great Lakes:	
Lake Superior	1,257,000
North Channel	25,510,000
Georgian Bay	74,760,000
Lake Huron	31,990,000
Lake Erie	131,160,000
Lake Ontario	77,100,000

EYED EGGS

Demonstration purposes	112,500

HERRING

FRY

Frontenac:	
White Lake	1,000,000
Leeds:	
Charleston Lake	1,000,000
Rideau Lake	3,000,000
Prince Edward:	
Bay of Quinte	730,000
Great Lakes:	
Lake Erie	22,890,000
Lake Ontario	27,500,000

APPENDIX No. 2

ONTARIO DEPARTMENT OF GAME AND FISHERIES
DISTRIBUTION OF FISH ACCORDING TO SPECIES—1933 TO 1936, INCLUSIVE

	1933	1934	1935	1936
Large-mouthed Black Bass				
Fry	....	35,250	130,000	45,000
Fingerlings	856	4,250	2,153	8,398
Yearlings and Adults	....	197	27*	....
Small-mouthed Black Bass				
Fry	545,000	365,500	696,000	780,000
Fingerlings	25,750	35,750	153,065	69,380
Yearlings and Adults	3,471	420	3,433	5,202
Maskinonge—Fry	....	909,500	460,000	274,000
Perch—Fry	....	95,000,000	53,031,400	46,080,000
Pickerel—Eyed eggs	....	5,000,000	2,000,000	2,000,000
Fry	20,500,000	278,470,000	229,629,000	300,759,500
Brown Trout—Fingerlings	483,016	138,000	109,000	147,050
Yearlings	674	14,500	9,650	7,290
Adults	....	689	6*	....
Lake Trout—Eyed eggs	200,000	402,000	....	3,209,400
Fry	1,400,000	1,265,000	7,773,034	4,165,000
Fingerlings	16,012,700	14,045,450	14,564,000	18,253,244
Landlocked Salmon (Ouananiche) (Yearlings)	....	....	13,640	....
Rainbow Trout—Eyed Eggs	....	1,000	....	....
Fry	....	4,480	....	....
Fingerlings	27,016	312,512	134,075	133,000
Yearlings	....	25,014	314	3,507
Kamloops Trout—Fingerlings	....	....	85,464	....
Yearlings	....	....	10,796	....
Speckled Trout—Eyed eggs	506,000	....	....	28,600
Fry	725,000	....	1,645,000	182,000
Fingerlings	5,950,255	6,257,267	5,013,831	1,053,050
Yearlings	28,237	34,762	35,421	557,270
Adults	1,549	1,652	5,420	6,081
Whitefish—Fry	372,111,000	376,777,000	296,482,000	428,402,000
Eyed Eggs	....	....	....	112,500
Herring—Fry	22,805,000	17,512,000	43,760,000	56,120,000
Golden Shiners	....	7,000	500	....
TOTALS	441,325,524	796,619,193	655,747,231**	862,401,472

* Exhibition fish

** This total does not include a distribution of 132,646,600 fry and eyed eggs during the five months immediately preceding the said report.

APPENDIX

GAME AND FISHERIES

Statistics of the Fishing Industry in the Public Waters of

EQUIP

District	No. of Men	Tugs			Gasoline Launches		Sail and Row Boats		Gill Nets	
		No.	Tons	Value	No.	Value	No.	Value	Yards	Value
Northern Inland Waters	544	6	204	$ 17,000	160	$ 71,885	317	$ 11,955	531,065	$ 66,544
Lake Superior	384	12	356	54,000	85	39,285	83	4,495	856,885	85,790
North Channel	195	9	272	63,000	43	35,575	67	4,518	432,375	50,275
Georgian Bay	497	17	435	119,250	136	112,578	98	4,445	1,010,750	109,690
Lake Huron	426	20	518	147,500	127	80,325	38	2,165	1,328,800	168,305
Lake St. Clair	161	....	......	....	57	15,050	110	4,685	....	....
Lake Erie	876	33	978	240,200	210	171,670	151	7,347	1,829,170	225,232
Lake Ontario	742	....	......	....	220	100,540	222	7,024	1,239,440	106,631
Southern Inland Waters	455	....	......	....	20	4,825	157	4,871	....	....
Totals	4,280	97	2,763	$640,950	1,058	$631,733	1,243	$51,505	7,228,485	$812,467

APPENDIX

QUANTITIES OF

District	Herring	Whitefish	Trout	Pike	Pickerel (Blue)	Pickerel (Dore)
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
Northern Inland Waters	1,414	1,633,840	277,418	919,198	....	1,484,510
Lake Superior	2,683,724	319,482	1,596,181	5,895	....	83,966
North Channel	569	260,247	704,657	58,051	....	64,214
Georgian Bay	27,274	983,783	1,472,586	46,054	....	90,701
Lake Huron	170,178	235,304	2,137,519	777	....	275,405
Lake St. Clair	325	1,100	....	13,199	6,875	37,934
Lake Erie	78,805	1,767,741	200	1,576	6,878,919	326,095
Lake Ontario	1,332,450	576,196	226,549	100,632	13,707	26,288
Southern Inland Waters	3,823	12,710	43,620	12,963	....	4,065
Totals	4,298,562	5,790,403	6,458,730	1,158,345	6,899,501	2,393,178
Price per pound	.05	.11	.11	.06	.05	.11
Values	$214,928.10	$636,944.33	$710,460.30	$69,500.70	$344,975.05	$263,249.58

No. 3

DEPARTMENT, ONTARIO

Province of Ontario, for the Year Ending December 31st, 1936.

MENT

Seine Nets			Pound Nets		Hoop Nets		Dip and Roll Nets		Night Lines		Spears		Freezers & Ice Houses		Piers and Wharves		Total Value
No.	Yards	Value	No.	Value	No.	Value	No.	Value	No. Hooks	Value	No.	Value	No.	Value	No.	Value	
...	....	....	49	$15,760	53	$1,864	1	$ 2	1,200	$ 167	....	......	143	$ 30,895	116	$ 13,430	$ 229,502
...	....	....	47	12,803	.....	......	....	......	6	15	....	......	37	16,875	40	12,505	225,768
...	....	....	113	58,790	.....	......	....	......	....	......	1	10	45	12,360	35	17,025	241,553
5	900	695	96	79,400	42	510	....	......	57,814	10,735	23	112	55	15,805	67	29,845	483,065
...	....	....	151	88,500	.....	......	....	......	10,236	1,685	1	20	74	30,400	28	10,980	529,880
39	11,450	6,130	136	13,225	.....	......	....	......	4,500	215	....	......	23	5,260	11	1,020	45,585
50	13,800	8,215	559	274,000	12	195	6	30	3,250	79	....	......	91	87,445	75	29,810	1,044,223
13	1,550	1,195	......	....	736	15,195	26	112	4,358	208	....	......	38	8,475	24	5,355	244,735
61	6,870	5,298	......	....	249	6,885	45	220	7,050	218	206	1,545	29	2,255	3	200	26,317
168	34,570	$21,533	1,151	$542,478	1,092	$ 24,649	78	$ 364	88,414	$ 13,322	231	$1,687	535	$209,770	399	$120,170	$3,070,628

No. 4

FISH TAKEN

Sturgeon	Eels	Perch	Tullibee	Catfish	Carp	Mixed Coarse	Caviare	Total	Value
lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	
64,351	....	....	246,499	62,595	1,250	190,995	878	4,882,948	$480,965.35
476	....	....	104,772	....	....	104,895	....	4,899,391	364,122.66
10,074	....	5,688	13,675	....	....	299,787	56	1,417,018	130,898.60
1,601	....	3,272	131,864	11,694	21,902	70,990	7	2,861,728	297,187.80
4,454	....	115,785	423,345	1,399	6,998	139,153	130	3,510,447	337,598.56
6,760	....	32,501	....	49,666	292,241	209,051	217	649,869	34,848.59
12,486	....	1,254,087	....	70,899	360,508	1,201,610	607	11,953,533	706,376.09
6,440	53,756	164,796	....	191,556	174,908	287,196	11	3,154,485	211,814.88
226	8,024	10,830	....	221,679	308,903	298,351	....	925,194	50,935.96
106,868	61,780	1,586,959	920,155	609,488	1,166,710	2,802,028	1,906	34,254,613	
.40	.07	.05	.06	.08	.05	.03	1.=		
$42,747.20	$4,324.60	$ 79,347.95	$55,209.30	$48,759.04	$58,335.50	$84,060.84	$1,906.00		$2,614,748.49

APPENDIX No. 5

COMPARATIVE STATEMENT OF THE YIELD OF THE FISHERIES OF ONTARIO

Kind	1934 Pounds	1935 Pounds	1936 Pounds
Herring	2,876,121	2,528,958	4,298,562
Whitefish	4,922,996	5,478,435	5,790,403
Trout	5,295,174	6,256,336	6,458,730
Pike	1,095,911	1,216,622	1,158,345
Pickerel (Blue)	2,432,093	5,122,997	6,899,501
Pickerel (Dore)	2,292,094	2,431,943	2,393,178
Sturgeon	89,884	110,470	106,868
Eels	63,650	74,947	61,780
Perch	6,018,541	6,039,713	1,586,959
Tullibee	1,105,158	1,071,004	920,155
Catfish	356,665	502,779	609,488
Carp	1,520,848	1,480,506	1,166,710
Mixed and Coarse	3,161,229	2,898,583	2,802,028
Caviare	2,613	2,694	1,906
TOTALS	31,232,977	35,215,987	34,254,613

APPENDIX No. 6

STATEMENT OF ESTIMATED VALUE OF THE FISHERIES OF ONTARIO 1936

Kind	Quantity Pounds	Price per Pound	Estimated Value
Herring	4,298,562	$ .05	$ 214,928.10
Whitefish	5,790,403	.11	636,944.33
Trout	6,458,730	.11	710,460.30
Pike	1,158,345	.06	69,500.70
Pickerel (Blue)	6,899,501	.05	344,975.05
Pickerel (Dore)	2,393,178	.11	263,249.58
Sturgeon	106,868	.40	42,747.20
Eels	61,780	.07	4,324.60
Perch	1,586,959	.05	79,347.95
Tullibee	920,155	.06	55,209.30
Catfish	609,488	.08	48,759.04
Carp	1,166,710	.05	58,335.50
Mixed and Coarse	2,802,028	.03	84,060.84
Caviare	1,906	1.00	1,906.00
TOTALS	34,254,613		$2,614,748.49

APPENDIX No. 7

ESTIMATED VALUE OF FISH TAKEN FROM THE WATERS OF THE PROVINCE

1917—1936 INCLUSIVE

1917	$ 2,866,424.00	1927	3,229,143.57
1918	3,175,110.32	1928	3,033,944.42
1919	2,721,440.24	1929	3,054,282.02
1920	2,691,093.74	1930	2,539,904.91
1921	2,656,775.82	1931	2,442,703.55
1922	2,807,525.21	1932	2,286,573.50
1923	2,886,398.76	1933	2,186,083.74
1924	3,139,279.03	1934	2,316,965.50
1925	2,858,854.79	1935	2,633,512.90
1926	2,643,686.28	1936	2,614,748.49

The Eighteenth Report
OF THE
Department of Labour

Including

The Seventeenth Report of
The Minimum Wage Board

Province of Ontario

1937

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ONTARIO

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TO THE HONOURABLE
THE LIEUTENANT-GOVERNOR
OF THE PROVINCE OF ONTARIO.

May it Please Your Honour:

The undersigned has the honour to present to Your Honour the Eighteenth Report of the Department of Labour of the Province of Ontario. including the Seventeenth Report of the Minimum Wage Board, for the fiscal Year 1936-37.

Respectfully submitted,

MORRISON MANN MacBRIDE,
Minister of Labour.

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REPORT OF THE DEPUTY MINISTER OF LABOUR

For the Fiscal Year Ending March 31, 1937

TO THE HON. M. M. MacBRIDE,
Minister of Labour.

SIR:

I have the honour to submit to you the following Annual Report of the Department of Labour of the Province of Ontario, including the Annual Report of the Minimum Wage Board, for the fiscal year ending March 31, 1937.

INDUSTRIAL SITUATION

Employment in Ontario was in somewhat greater volume during the fiscal year ending March 31, 1937, as indicated by the index numbers of employment issued by the Dominion Bureau of Statistics. Reports were received from approximately 4,300 firms with an average staff of more than 412,000 employees. According to these figures, each month of the year showed an advance as compared with the corresponding month of last fiscal year. On the base of 100 for the calendar year 1926, the average volume of employment for the fiscal year 1937 will be indicated by 108.0, or 4.1 points above the previous year's figure.

All 13 divisions of industry, with the exception of construction, shared this improvement in employment conditions. The most important gains were recorded in the mining industry, as shown by an index number 32 points above that of last year. The logging industry ranked second with an advance of 16 points. Manufacturing on the whole afforded greater employment, the chief gains being in the iron and steel industries, which play such an important part in the industrial composition of this Province, ending the year approximately 15 points in advance of the same time last year.

Gains were offset to a certain extent by a decrease in the volume of employment in the construction industry, as shown by a decline of 20 points in the index number. Private and commercial building, however, was in greater volume, the extent of which may be estimated by the increase of 8.7 per cent. in the value of building permits issued for the year.

As a further indication of improved industrial conditions in the Province, the percentage of unemployment reported among trade union members averaged 11.4 for the year, as compared with 13.0 for last year.

INDUSTRIAL DISPUTES

During the fiscal year 1937, there were 78 industrial disputes reported in Ontario, in which 13,251 workers were involved with a time-loss of 148,929 working days. This is the greatest number of disputes in any year since 1921, although there were more persons involved in disputes in 1934, and there was greater time-loss in 1934, 1923, 1922 and 1921 than in 1937.

More than half of the total time-loss occurred in the textile and clothing industry, in which there were 13 disputes recorded, involving 3,292 persons in a loss of 76,374 working days. The second greatest loss was in the logging industry, when 4 disputes involved 2,695 persons in a loss of 30,682 working days.

Of the 78 disputes, 24, involving 1,717 workers in a time-loss of 4,761 days, were settled in favour of the workers; 20, involving 1,710 workers in a loss of 14,167 working days, were settled in favour of employers; 26, involving 8,815 in a time-loss of 121,908 working days ended in compromise; 5, involving 295 workers in a loss of 3,459 days were partially successful or indefinite in their outcome, and 3 disputes were unterminated at the end of the fiscal year.

Officials of the Department of Labour of Ontario assisted in negotiations in connection with 24 of these disputes, in which 8,308 workers were involved in a loss of 123,093 working days.

LEGISLATION

Seven enactments of the 1937 session of the Legislature affected laws administered by the Department of Labour.

THE DEPARTMENT OF LABOUR AMENDMENT ACT, 1937;— The chief feature of this amendment is the provision for the creation of the Industry and Labour Board, to consist of 5 members, including 3 officers of the Department of Labour. The Board is to be a body corporate and is empowered, with the approval of the Lieutenant-Governor, to make regulations governing its proceedings. The Board has power to administer and carry out the provisions of any Act assigned to it, and The Minimum Wage Act, 1937, The Apprenticeship Act and The Industrial Standards Act were assigned to it for administrative purposes by enactments of this session.

THE MINIMUM WAGE ACT, 1937;—This Act revises the former Minimum Wage Act as it applies to female workers and extends the scope of the Act to include male employees. In order to provide for differences in minimum wages which may be established for male and female workers, the Board is empowered to provide separate classifications of employees. The former Minimum Wage Board is replaced by the Industry and Labour Board, established under the amendment to the Department of Labour Act, for the administration of the Act, and the Board is authorized to fix minimum wage rates for all employees and to enact such provisions with respect to conditions of employment as may be deemed necessary for the betterment of the well-being of employees. (For text of Act see pages 81 to 84.

THE APPRENTICESHIP AMENDMENT ACT, 1937;— This amendment provides for the division of the designated trades into two classes, schedule A and schedule B. Schedule A includes at present the building trades and the motor vehicle repair trade, and in these trades, apprentices becoming indentured, must be minors 16 years of age and over. Schedule B includes hairdressing and barbering and in these trades, apprentices becoming indentured may be any person 16 years of age or over. Provision is made for bringing trades within the scope of the Act under the schedule specified in the petition.

No person eligible to be an apprentice in a designated trade, who has not completed his period of apprenticeship, may be employed in such trade for more than three months except under contract of apprenticeship.

Trade schools which educate persons for designated trades are brought within the scope of the Act and must be licensed. The Lieutenant-Governor in Council is authorized to make regulations providing for the granting of certificates; the conditions upon which licenses may be granted to trade schools and the fees for such licenses; for the methods of training to be followed and the manner in which schools are to be operated; and for the cancellation, suspension and renewal of such licenses. Penalty is provided for operating such a training school without license.

THE INDUSTRIAL STANDARDS AMENDMENT ACT, 1937;— Several sections of this amendment were for the purpose of clarifying the intent of the Act. The amendment provides for the administration of the Act by the Industry and Labour Board and defines the powers of the Board with respect to the Act. The amendment also provides new matters which may be dealt with at the conferences of employers and employees in an industry; enables the Minister to determine what constitutes an industry for the purposes of the Act, and permits a schedule to become effective on a date to be named by Order-in-Council. It provides that schedules shall apply to those who form partnerships and split profits of contracts instead of accepting wages. The Act does not apply to farmers and miners.

THE OPERATING ENGINEERS ACT, 1937;—This Act is a revision of the former Act, bringing it into accord with present engineering practices. Certain low pressure steam plants are brought within the scope of the Act by this revision, but no major changes have been made.

THE EMPLOYMENT AGENCIES AMENDMENT ACT, 1937;— This Act was amended to include agencies procuring persons for employment in any profession or business, as well as for employment at skilled or unskilled work. All such agencies are thus required to be licensed.

AMENDMENTS TO THE FACTORY, SHOP AND OFFICE BUILDING ACT;— By The Statute Law Amendment Act, certain textual changes were made in The Factory, Shop and Office Building Act, without affecting the main provisions of the Act.

ONTARIO GOVERNMENT OFFICES, EMPLOYMENT SERVICE OF CANADA

A total of 119,120 placements were made by the Ontario Government Employment Offices in the 27 centres during the fiscal year, and approximately 93 per cent. of the 128,041 vacancies reported were filled. The general improvement in conditions throughout the Province resulted in an increase in the number of placements which were made in private industry, business and agriculture, with the result that nearly 58 per cent. of the placements were for work of a regular nature, that is for work lasting at least two weeks, as compared with 50 per cent. last year. Highway projects continued to give employment to large numbers of men, 50 per cent. of whom were recruited from the relief lists of the locality. Placements of handicapped ex-service men totalled 1,801 for the year.

FACTORY INSPECTION BRANCH

Under the supervision of the Chief Inspector, the Composite Inspection Service is responsible for the inspection of factories, and the investigations necessary for the other branches of the Department of Labour, with the exception of the Employment Service, are also assigned to it, as well as assistance in the enforcement of The Steam Boiler Act and The Operating Engineers Act. The number of inspections for the year totalled 29,254, or an increase of 7,010 as compared with the preceding year, and the distribution was as follows: Factory inspections, 17,244; investigations for the Apprenticeship Branch, 1,613; for the Industrial Standards Branch, 7,499; for the Main Office, 694; and special investigations, 2,204.

There were 3,858 permits issued, or an increase of 849, which increase was due largely to the increase of 206 in the number of overtime permits, 514 in the homeworkers' permits and 107 permits to employers giving out homework and who were not required formerly to obtain permits.

The estimated value of buildings for which plans were approved in the Factory Inspection Branch showed an increase of $554,000, or 8.8 per cent. as compared with the previous year. The greatest number of plans submitted were for additions and alternations to existing plants.

BOARD OF EXAMINERS OF OPERATING ENGINEERS

The Board of Examiners of Operating Engineers is providing the means of eliminating as far as possible all danger to the general public in connection with the operation of power equipment in the Province. It is required that only properly certificated engineers may operate or take charge of steam boilers, air receivers or other pressure vessels to which the Operating Engineers Act applies. During the year the Act was revised, bringing within its scope more low pressure steam plants, particularly those in schools, theatres and other public buildings, so that the Board will now have jurisdiction over their operation.

The examinations for the various certificates are graded and are being constantly revised to keep pace with the modern tendency towards the use of higher pressure. During the fiscal year 1937, there were 1,644 examinations held, of which 751 were held in Toronto and 893 at outside centres for the convenience of candidates. The number of certificates issued to engineers and firemen totalled 16,272, or 18 more than in the preceding year.

The net revenue received in this Branch amounted to $26,062.53, or an increase of $1,140.71 as compared with last year's total.

BOILER INSPECTION BRANCH

The report of the Boiler Inspection Branch indicates an increase in the volume of work accomplished by the Branch during the fiscal year 1937. The designs and specifications of all steam boilers, air receivers and other pressure vessels to be built for use in this Province must be approved by the Branch and periodic inspections must be made during construction by one of the inspectors of the Branch. Every used boiler and pressure vessel must be inspected when being sold or extensively repaired and a certificate issued by the Branch to show that it may be safely operated.

During the fiscal year 1937, there were 283 drawings and specifications surveyed in the Branch, and 522 first, 359 second and 493 final inspections were made of new pressure vessels. The number of inspections of used pressure vessels, including 257 annual inspections, totalled 1,041, with 249 final inspections. A total of 2,507 certificates were issued during the year, or 221 more than last year, and the sum of $15,254.55 was transmitted to the Treasurer of Ontario, an increase of $1,720.41 as compared with the preceding year.

APPRENTICESHIP BOARD

During the year there were 518 apprentices working under contract and registered in the Apprenticeship Branch, or an increase of 188 as compared with the previous year. The activity of the Branch was greatly increased because of the extra clerical work entailed in the organization and registration of the barbering and hairdressing trades which were brought within the scope of the Act. The Provincial Apprenticeship Committee held 15 meetings, devoting attention mainly to problems connected with these trades and the establishing of technical classes in the motor vehicle repair trade.

The administration of The Apprenticeship Act is now under the Industry and Labour Board which was appointed shortly after the close of the fiscal year.

MINIMUM WAGE BOARD

The report of the Minimum Wage Board for the fiscal year 1937 is the final report to be submitted by the Board, since the Minimum Wage Board has been replaced by the Industry and Labour Board for the administration of The Minimum Wage Act, 1937. The chief differences between the old and the new Acts is that the new Act applies equally to male and female workers.

The investigations prior to the establishment of the piecework rates for homeworkers and the demonstrations necessary in order to estimate fairly the value of the labour involved on the various types of articles occupied considerable time of the members of this Branch but the general result has been a decided improvement in conditions for the majority of homeworkers, the piecework rates in some instances being more than doubled.

There was a decrease of 171 in the number of underpaid employees and of $9,695.45 in the amount of arrears collected, due probably to more prosperous conditions in industry. In all cases where it was possible to arrange satisfactory adjustments in connection with arrears, the Board refrained from court action. There was a decrease of 9 in the number of prosecutions and of 210 in the number of complaints dealt with by the Board.

An analysis of the wage sheets collected from approximately 20,000 employers shows that, with few exceptions, there is little justification for the claim that the minimum wage established by law has become the maximum or prevailing wage.

INDUSTRIAL STANDARDS ACT

At the end of the fiscal year there were 39 schedules in force pursuant to The Industrial Standards Act, as compared with 35 at the end of the preceding year. Two industries were added to the list of industries affected by the schedules, namely, the men's and boys' clothing industry and the barbering trade. The number of schedules includes 4 covering the whole Province for the brewing, ladies' cloak and suit, men's and boys' clothing and the millinery industries; 28 in the building industry for various zones; one for the baking industry and 6 for the barbering trade.

Prosecutions numbered 50 for the year, with the following results: Convictions were obtained in 23 cases; 6 cases were dismissed by the magistrates; 17 cases were withdrawn for various reasons, and 4 had not been disposed of at the end of the fiscal year. A total of $8,092.40 was collected as arrears for underpaid employees during the year.

From the beginning of the new fiscal year The Industrial Standards Act will be administered by the Industry and Labour Board.

CONCLUSION

The following reports of the various branches indicate the extent to which the duties and responsibilities of the Department of Labour have increased during the year and further expansion is anticipated with the appointment of the Industry and Labour Board and a Conciliation Officer. The assistance rendered by the members of the staff in all the adjustments necessary to provide for additional duties has been an important factor in the successful administration of the Department of Labour and has been greatly appreciated. The co-operation of employers, of trade union organizations and of other wage-earners of the Province is also gratefully acknowledged.

I have the honour to be, Sir,

Your obedient servant,

J. F. MARSH,
Deputy Minister of Labour.

ONTARIO GOVERNMENT OFFICES OF THE EMPLOYMENT SERVICE OF CANADA

GENERAL SUPERINTENDENT—H. C. HUDSON

With a general improvement in employment conditions, the Ontario Government Offices of the Employment Service of Canada were able to make more placements in private industry, business and agriculture than during the preceding year. At the same time the Government continued to be an employer of labour on a large scale on highway projects, and the employment offices had the responsibility of seeing that a proper balance was maintained in the labour supply on each individual job. The contractors were permitted to employ 15 per cent. key men; 50 per cent. of the labour was recruited from relief lists in the locality; and the remaining 35 per cent. were other unemployed from the district. The contractors reported that the type of labour supplied was entirely satisfactory, but suggested that the percentage of key men allowed them was too low and as a result, during the concluding month of the fiscal year, contractors were permitted to employ 25 per cent. skilled men of their own selection.

The co-operation between the Ontario Offices of the Employment Service and the federal Department of Labour, under the Employment Offices Co-ordination Act, was maintained in a manner which assured harmonious working relationships between the two parties concerned in the operation of the Employment Service of Canada.

Great credit is due the unemployed citizens of the Province who have maintained an optimistic attitude through a difficult period and who have on many occasions expressed their appreciation of the conscientious efforts made by the Superintendents and staffs of the Employment Service to help them solve their difficult problems.

It is quite impossible to condense adequately into a few paragraphs the activities of the various offices of the Employment Service over a twelve-month period. Only the briefest mention can be made, therefore, of the results accomplished by a loyal, efficient staff, endeavouring to serve industry, the community, the Province, and the workers day after day and month after month. Belleville, for example, placed in employment 2,018 of the 2,771 men and women who solicited the help of that office in securing work. Of this number, 658 were placed on provincial highway contracts throughout the district.

Brantford increased by 25 per cent. the record of the previous year. This increase reflects an improvement in general conditions, but also indicates that the staff of the office was alive to the situation, and responded promptly to the increased calls for industrial and agricultural employers. The Chatham office superintendent comments upon the advantages of the close tie-up between the Employment Service and the local relief administration. During certain seasons of the year this co-operation removed every able-bodied man from the relief rolls of the city. Guelph failed to make as good a showing as the other offices in the Service, due in part at least to the fact that no road work was carried on in the vicinity during the year under review. The Fort William office, on the other hand, surpassed the previous year's record, placing 3,270 men and women in regular employment, as well as filling 950 casual jobs.

Industry, agriculture, and highway contractors combined to increase the activity of the Hamilton office beyond any point since 1929. In order to improve the service to the public, the office was moved to new quarters during the year. Brief reference should be made to one particular feature of the work of this office, namely, the satisfactory manner in which it was able to supply both skilled and unskilled help for the construction of highways and the new bridge at Bronte.

Kenora was added to the chain of Employment Offices in Ontario during the year, and it is expected that this branch of the Service will prove helpful to employers and workers in the western portion of the Province. Reference to the statistical report of the work of the offices indicates that Kingston was exceptionally active. Federal and provincial work projects absorbed more men than in the preceding year. The Kitchener office superintendent forwarded with his annual report letters from the Mayor of the city and other prominent citizens, expressing appreciation of the services rendered by that office during the year. Unfortunately, space does not permit the reproduction of these communications. The report of the London office superintendent is also accompanied by a letter of praise for the Employment Service in the form of a communication addressed by the civic officials of that city to all local employers of labour, urging them to make use of the facilities placed at their disposal through the local office.

An explanation is in order regarding the unusually large number of casual placements made by the New Toronto office. In conjunction with other Lake Shore municipalities, New Toronto adopted a policy of requiring relief recipients to work on municipal projects varying numbers of days each week, and as the rotation of these groups was handled by the New Toronto office, the casual placements are higher than in centres where this system was not in operation. Help supplied to the contractor by the New Toronto office established a record in bridge building at Oakville during the year.

A 25 per cent. increase in the placements made by the Niagara Falls office, as compared with the preceding year, is evidence of the efficiency of that office. The Niagara Falls superintendent and others suggested that attention should be paid to the problem of employment for young men and women suffering from the after-effects of the depression period. North Bay reported an improvement in the demand for pulp cutters and general improvement in the construction industry. A noteworthy change in the method of wage payment is also mentioned. The 1936-7 season saw a large percentage of the employers changing over from a monthly wage basis to a piece work plan of payment for work in the woods.

The Ottawa office was removed to more commodious quarters during the year. Outstanding features of the year were the large numbers of women placed in employment, and a decided increase in the number of farm placements. Pembroke was successful in reducing relief rolls, so far as able bodied men were concerned, by the opportunities offered during the year to place men on provincial highway jobs, and at the federal military camp at Petawa. Peterborough acompanied its report with a letter from the Mayor of the city, thanking the local staff of the Employment Service for its effective co-operation in the placement of local citizens.

Only one office in the Province surpassed the record of Port Arthur, which placed 7,482 men and women in regular employment during the year. It is no exaggeration to state that the majority of the employers in the Port Arthur district automatically look to the office of the Employment Service, whenever they are in need of help of any description. The St. Catharines office superintendent has specialized in "creating" jobs. In other words, by making a definite appeal to a specific employer on behalf of individual applicants, he has been unusually successful in finding jobs in cases where the employer had not placed an order for help. The report of the St. Catharines office also refers to the difficulty experienced in obtaining a sufficient number of household workers to meet the demand.

The St. Thomas office superintendent reports an increasing use of the local office of the Employment Service as a medium for securing farm help. This he attributes to the reluctance of agricultural employers to assume the risks incidental to hiring men who present themselves at the farmhouse, ostensibly in search of employment, but with possible other motives in mind. In Sarnia the office had an increased number of calls for farm workers, dock labourers, and building tradesmen, as compared with the previous year. More than 2,000 men and women were placed by the Sault Ste. Marie office, highway accounting for the majority of the placements. Stratford experienced an increased demand from local industries and from farm employers, coincident with slightly higher wage rates.

VACANCIES, APPLICATIONS AND PLACEMENTS, FISCAL YEAR 1937.

	Vacancies	Applications	Placements		
			Regular	Casual	Totals
Belleville	2,026	2,771	1,126	892	2,018
Brantford	2,697	5,305	2,083	528	2,611
Chatham	2,296	3,050	1,483	604	2,287
Fort William	4,278	6,072	3,271	950	4,221
Guelph	977	1,528	768	124	892
Hamilton (Men)	3,157	12,099	2,164	1,035	3,199
Hamilton (Women)	2,796	5,223	1,007	1,402	2,409
Kenora	540	1,419	459	81	540
Kingston	5,465	7,822	4,447	774	5,221
Kitchener	1,745	3,958	914	712	1,626
London (Men)	3,919	7,177	2,830	1,056	3,886
London (Women)	2,476	3,828	1,397	1,045	2,442
New Toronto	9,706	14,145	1,270	8,425	9,695
Niagara Falls	2,341	3,277	1,148	1,070	2,218
North Bay	2,496	3,839	2,347	451	2,798
Oshawa	9,958	12,350	1,238	8,574	9,812
Ottawa (Men)	3,727	22,238	3,126	599	3,725
Ottawa (Women)	3,527	7,765	2,012	1,256	3,268
Pembroke	2,694	4,115	1,010	1,145	2,155
Peterborough	2,212	3,363	1,513	628	2,141
Port Arthur	8,338	7,984	7,487	267	7,754
St. Catharines	3,272	4,810	1,716	1,400	3,116
St. Thomas	1,186	1,769	686	418	1,104
Sarnia	2,699	3,412	1,214	1,433	2,647
Sault Ste. Marie	2,424	5,915	1,601	528	2,129
Stratford	1,285	4,124	1,075	162	1,237
Sudbury	2,714	9,681	2,216	531	2,747
Timmins	6,059	11,989	3,403	2,285	5,688
Toronto (Men)	8,975	82,725	5,893	3,355	9,248
Toronto (Women)	15,962	28,116	4,716	5,634	10,350
Windsor (Men)	2,575	9,799	1,393	1,181	2,574
Windsor (Women)	3,520	5,070	1,880	1,482	3,362
	128,041	307,038	68,893	50,227	119,120

A general improvement in the Sudbury district manifested itself during the concluding months of the year under review. Building projects, both local and at the various mines in the district, stimulated the demand for skilled help. At the same time, lumber operators called on the local office for a larger number of bushmen than during 1935-6. One of the busiest offices in the Province was that at Timmins, where activity in the mines and lumber woods increased the business of the office to the point where it was necessary to add a stenographer to the staff of the office. More than 5,600 men and women were placed in employment by the Timmins office during the year.

Interesting extracts from the report of the superintendent of the Men's Department of the Employment Service in Toronto will be found below:

> "A real service was rendered to the municipalities concerned during the organizing of highway work, as every assistance was given to the Reeves and Relief Administrators in respect to the selection of the workers required, keeping in mind the percentage of relief recipients on each project. Close personal contact was maintained with all contractors and every effort put forth to reduce to a minimum any delay or inconvenience which may have been experienced without the supervision of the Government Employment Service."
>
> "By means of the improved system employed in the renewing of applications semi-monthly, which reduces to a minimum the possibility of employed persons obtaining relief when not entitled to same, this office assisted in materially reducing relief expenditures and thereby rendered a service to the tax-payers as a whole."
>
> "The Veterans' Assistance Commission, under the chairmanship of Colonel Rattray, inspected the office in 1936 and invited suggestions concerning the employment of ex-service men. The Commission expressed satisfaction in regards to the methods adopted in the office and gave an assurance that any plans adopted by the Commission would be carried out in co-operation with the Employment Service and that no overlapping would be entertained. When the Toronto Honorary Committee was appointed, a communication was received from that body on December 26, 1936, requesting the co-operation of the Toronto office and soliciting information regarding the whole problem of unemployed ex-service men. On January the 18th, another letter was received requesting further advise and co-operation.
>
> "Acting upon the Honourable the Minister's instructions, we have classified 458 applicants as unemployable and exempted them from the necessity of reporting further at the office, in other words, removed them from the labour market. Three hundred and five were exempted on account of age, the average age being 74 years and four months, with a range from 65 to 83 years. One hundred and ninety were married, 46 single and 69 widowers."
>
> "During the fiscal year, 552 new applicants registered in the Handicap Division, 367 or approximately 66 per cent. were civilians. Of the total new registrations in this Division, approximately 54 per cent. were disabled on account of old age with its attendant infirmities."

The superintendent of the Women's Division of the Employment Office in Toronto reports in part, as follows:

> "A noticeable reduction of unplaced applicants and a somewhat higher rate of wages lend improvement to the year's report of activities in the Clerical and Industrial Departments. In summarizing briefly the clerical orders, circular and sales orders ranked first in numbers, the majority of which were casual. Of the remaining orders which were more permanent, close to 40 per cent. were calls for stenographers. The textile industry provided the greatest field for regular factory work. Experienced help was asked for on 49 per cent. of the orders. Inexperienced juniors at the $8.00 per week wage took 32 per cent. of the orders, which did not leave much opportunity for helping those over 18 years of age, who were without experience. Had there been more experienced help available, placements would have been higher."
>
> "Close co-operation was maintained between the relief offices and the Employment Service in endeavouring to place single unemployed girls in domestic work. Experienced domestics of the required age can be placed immediately upon application at good wages, as we always have a surplus of orders on file

for this class of worker. In view of the shortage of good regular maids, we are fortunate in being able to give our employers satisfaction through our Casual Section by supplying day workers who need work badly. The wages offered range from 15 cents to 50 cents an hour, the majority, however, offering 25 cents an hour and car fares."

The beginning of the fiscal year under review co-incided with an improvement in the automobile industry in the Windsor district. Subsidiary industries and services benefitted, and the result was an increase in the calls placed by local employers at the Employment Office. In certain seasons of the year it was necessary to open the doors of the office at 6 a.m. in order to have workers available immediately when early morning calls came from the factories.

APPLICATIONS AND PLACEMENTS OF HANDICAPPED EX-SOLDIERS BY ONTARIO OFFICES DURING FISCAL YEAR 1937.

	APPLICATIONS	PLACEMENTS		
		Casual	Regular	Total
Ottawa	1,526	14	244	258
Kingston	165	5	17	22
Peterborough	10	—	1	1
Toronto	3,928	1,091	238	1,329
Hamilton	648	89	34	123
Brantford	128	4	23	27
St. Catharines	34	2	2	4
London	124	3	8	11
Windsor	48	13	13	26
Totals	6,611	1,221	580	1,801

LIST OF ONTARIO OFFICES OF THE EMPLOYMENT SERVICE OF CANADA

As on November 1, 1937.

H. C. HUDSON, GENERAL SUPERINTENDENT

Adelaide 1211—Local 591 Residence: Junction 0939

CITY	ADDRESS	PHONE	SUPERINTENDENT
Belleville	19 Campbell St.	887	W. D. Ross
Brantford	239-241 Colborne St.	361	M. H. MacBride
Chatham	307 King St. W.	236	H. C. Garner
Fort William	300 Victoria Ave.	S-2561	A. H. Power, Jr.
Guelph	94 Carden St. E.	1599	R. J. Robson
Hamilton (Men)	40-50 John St. N.	B-2.1126	W. A. Selkirk
(Women)	40-50 John St. N.	B-2.1128	
Kenora	Cor. 2nd St. S. and 4th Ave		G. H. Ritchie
Kingston	41 Clarence St.	1178	H. F. Mooers
Kitchener	41 Queen St. N.	1618	M. H. Phillips
London (Men)	180 King St.	M-5296	H. Wray
(Women)	180 King St.	M-5295	
New Toronto	844 Lake Shore Rd.	1957	H. N. Reid
Niagara Falls	539 Erie Ave.	1221	H. P. Hanan
North Bay	51 Main St. E.	1112	H. A. Desjardins
Oshawa	64 King St. W.	547	Rae Halliday
Ottawa (Men)	132 Queen St.	Q-1739	Geo. Hamilton
(Women)	130 Queen St.	Q-3158	Miss E. Appleton, Director.
Pembroke	167 Pembroke St. E.	375	P. J. Hennessy
Peterborough	165 King St.	571	D. M. Douglas
Port Arthur	193 Park St.	176	A. C. Wood
St. Catharines	146 King St.	1296	L. P. Cunningham
St. Thomas	498 Talbot St.	2001	D. A. McIntyre
Sarnia	217 Front St. N.	1154	A. E. Palmer
Sault Ste. Marie	Courthouse Bldg.	1063	W. E. Hunt
Stratford	80 Ontario St.	2258	G. H. Langan
Sudbury	129 Durham St. S.	359	A. E. Woods
Timmins	25½ Fourth St.	218	D. Murphy
Toronto (Men)	70 Lombard St.	Wa.4581	J. Fred Marsh
(Women)	77-79 Richmond St. E.	Wa.4581	
Windsor	365 Pelissier St.	4-2595	A. J. Cooper
Woodstock	12 Finkle St.	197	R. E. Poste

PRIVATE EMPLOYMENT AGENCIES

Three licensed private employment agencies transacted business in the Province during the year, according to reports received in this Department. Details of the placements of these agencies are as follows:

	PLACEMENTS		
	Men	Women	Total
North Bay—			
Northern Employment Agency	92	—	92
Sudbury—			
Messrs. P. J. & F. W. McAndrew	524	—	524
Toronto—			
Metropolis Agency	174	901	1,075
Totals	790	901	1,691

Under the Employment Agencies Act one person was prosecuted and found guilty of operating a private employment agency without a license. He was fined $300 and costs or one year's imprisonment.

FACTORY INSPECTION BRANCH

CHIEF INSPECTOR, DEPARTMENT OF LABOUR—J. R. PRAIN

The fifty-first Report of the Factory Inspection Branch covering the fiscal year 1936-37 shows in the statistical section a marked increase in the inspection activities of what is known as the "Composite Inspection Service."

The investigation requirements of every branch of the Department of Labour, with the exception of the Employment Service, are now the responsibility of this Branch. The inspection staff must exercise extreme tact and diplomacy in handling this phase of the work for the Apprenticeship, Minimum Wage and Industrial Standards Branches, as well as the important factory inspection service necessary in preventing industrial accidents as far as possible, in maintaining decent sanitary and working conditions for industrial workers, and in protecting female workers from the evil effects of excessive hours of labour. Assistance has also to be given in the enforcement of The Steam Boiler Act and The Operating Engineers Act.

The figures show that, while there was a decrease in the number of factory inspections, the total number of inspections made increased by 7,010. Investigations under The Industrial Standards Act formed the major portion of this increase and good work was accomplished in many parts of the Province. Minimum wage enforcement also called for many visits to employers of female labour with gratifying results. On numerous occasions the members of the staff were called upon to act as conciliators in connection with industrial disputes and were successful in arranging settlements of what might have been prolonged strikes.

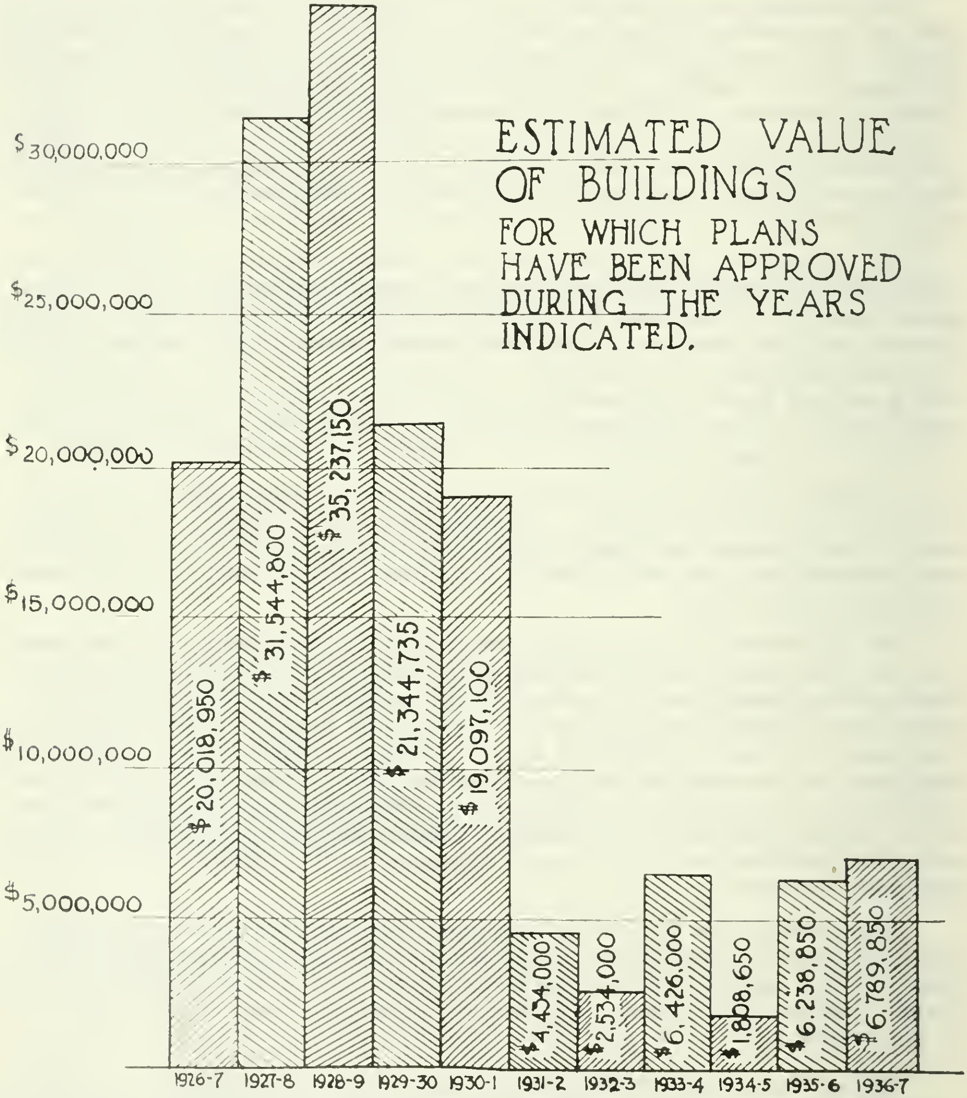
It will be noted that there was a substantial increase in the number of employed persons, both male and female, as compared with the preceding year. Several cases of child labour were discovered, while last year there was none, but these were promptly dealt with and the employers warned of the consequences of further infractions of this kind.

The increase of 621 in the number of permits issued in connection with homework was due largely to the amendment of the Act in 1936, requiring that all homeworkers throughout the Province should hold permits, instead of only those in the larger centres, and also that wages for this type of work should be in accordance with rates established by the Minimum Wage Board. Moreover, employers are now required to obtain permits before giving out homework and 107 of these were issued. The employers' records are examined by the inspectors to see that the prices set by the Board are being adhered to and employers must advise the homeworkers of the rates of payment for the different kinds of work performed at home.

An increase of 206 is shown in the number of overtime permits issued, chiefly because of increased business in limited space where additional help could not be placed during seasonal rushes. More employers have taken advantage of the double shift permit for female help, thereby lessening the numbers of unemployed to some extent.

The number of industrial accidents, both fatal and non-fatal, was slightly higher than last year and this may be the result of the re-employment of men who had been out of work for a long time and who were over-anxious to make good. Safety methods existing in modern factories today will, in time, have the effect of lowering the accident toll. Mention should be made of the reduction in the number of cases of industrial diseases reported, but, with the ever increasing use of chemicals in industry, there should be no relaxing of efforts of supervision. Our appreciation is once again expressed for the splendid assistance given by the Industrial Hygiene Division of the Department of Health.

The amount of industrial building carried on during the fiscal year still appears to lag behind the improvement generally conceded to have occurred during this period in other classes of building. As will be seen in the accompanying diagram, which shows the estimated value of buildings for which plans have been approved under the provisions of the Factory, Shop and Office Building Act since the fiscal year 1926-27, the increase this year amounts to only $554,000 or 8.8 per cent.



NOTE:- OWING TO THE CHANGE OF THE DATE OF THE END OF THE PROVINCIAL FISCAL YEAR FROM OCT: 31ST TO MAR. 31ST THE PERIOD GIVEN ABOVE AS 1934-5 REPRESENTS ONLY FIVE MONTHS.

It should be noted, however, that a large number of buildings, especially in Toronto which have been unoccupied for some years, have now been renovated and are being used again for industrial purposes. If new buildings had been erected in all cases to serve increasing business, the additional amount of building would have cost many millions of dollars. This is a usual sequence in recovery from a depression and in the long run is economically, sound, as it permits of the more liberal use of available capital for modern machinery and other equipment, which might otherwise be used in the erection of new buildings.

Following the same trend noted in the last two annual reports, the greatest number of plans submitted for approval were plans for additions and alterations to existing plants. In many cases, these plans had been lying in abeyance for several years, awaiting developments which would justify the expenditure involved in carrying them out.

Another factor significant of sound improvement in general conditions is the gradually increasing demand for space in office buildings, with the inevitable result that the rents in this class of building are again assuming remunerative proportions, and demands for new buildings are commencing to appear. A recent visitor in this office, who may be considered an authority in the matter, expressed the opinion that in the course of the next year or two there would be a distinct shortage of office space and that ample capital would be available to meet any sound demand in this direction.

The following is the distribution of the services rendered by the inspectors of the Composite Inspection Branch:

	1936	1937	
Factory Inspection Branch			
First inspection	17,803	14,229	
Second inspection	4,441	3,015	17,244
Total inspections and revisits	22,244		
Apprenticeship Branch		1,613	
Industrial Standards		7,499	
Main Office		694	
Special Investigations		2,204	
			12,010
Total			29,254

In addition there were investigations of accidents and inspections of homes of applicants for homework permits under section 51 of the Factory, Shop and Office Building Act. There were also the usual visits, office calls and conferences incidental to inspection.

Employees in the above industries, mercantile establishments and office buildings numbered 339,544, classified as follows:—

Year	Males over 16	Males 14-16	Females over 18	Females 14-18	Totals	Children under 14 dismissed
1936	231,200	43	91,864	838	323,995	0
1937	232,923	48	104,837	1,736	339,544	8

HOURS OF LABOUR

Male Workers					Female Workers				
45	50	54	58	60	45	50	54	58	60
153,440	25,677	21,730	2,013	14,598	75,095	12,337	8,179	871	2,970

Also 22,634 employees, male and female, working approximately 50 hours per week.

Orders issued relating to various requirements of the Act totalled 5,330, as compared with 6,629 in 1936.

PERMITS

Applications for permits numbered 3,858 and were issued as follows:—

	1936	1937
Double shift—section 33	153	167
Overtime—section 32	2,175	2,381
Bakeshop—section 71	53	58
Fruit camps—section 38	19	20
Sale of bread manufactured out of the Province—section 70	3	5
Contract workers—section 51	606	1,120 homeworkers 107 employers Calendar Year
Totals	3,009	3,858

COMPLAINTS

Two hundred and thirty-two complaints were received during the year. Upon investigation 119 were upheld, 49 not upheld, 32 are pending investigation and 32 did not come within the jurisdiction of this Branch. Some investigations cover more than one complaint. Subjects of complaints are as follows:—

	1936	1937
Heat	6	3
Elevators	5	5
Fire protection	21	13
Child labour	2	1
Lavatories	6	5
Sanitation	3	3
Boilers	10	5
Guards	1	5
Ventilation, dust, fumes	14	6
Overtime	8	5
Hours of labour	80	61
Manufacturing in basement	1	—
Violation of Minimum Wage Act	3	30
Violation of Operating Engineers Act	16	18
Violation of Adolescent School Attendance Act	1	4
Mechanical exhaust	3	7
Miscellaneous	53	29
Not under our jurisdiction	4	32
Totals	237	232

VIOLATIONS

Violations of the Acts in the enforcement of which the inspectors have a responsibility were reported as follows:—

Operating Engineers Act	100
Adolescent School Attendance Act	8
Minimum Wage Act	1,305
Steam Boiler Act	2

FACTORY
Summary of Accidents

Cause of Injury		Head and Face				Upper Extremities							Trunk						
		Face	Head	Eyes	Ears	Hand	Fingers	Thumb	Arm	Shoulder	Wrist	Elbow	Other	Ribs	Thigh	Back	Stomach	Chest	Side
Burns and scalds		2		14	1	18	11		10		4		10		1	2			
Cranes and derricks								1	1				1						
Elevators						2			1					1					
Electricity						1		1					4	1					
Engines and cars													1						
Explosions					1		1						1						
Falling substances		1	17			15	29	8	8	3	8	1	6	6	1	8	1	7	3
Falls		3	17			12	4	6	19	16	18	9	12	15	9	8		2	20
Flying missiles		18	6	41		8		3	6		2	2	1	3				4	2
Foreign substances in eyes				190															
Hand tools		2	1	3	1	18	41	24	4		6	4		5	1				
Hooks, chains, cables							9												1
Infected wounds				1		62	102	39	7		2	3							
Jammed between articles						43	180	32	6	1	8					3			
Sprains and strains						3	5	3	9	23	15	4	28	2	2	96	3	6	31
Machinery and Connections	Rolls					1	3	1	1										
	Gears, cogs, sprockets		1			2	8	1	1										
	Belts, pulleys, shafting		4			4	6	2	3		1	1	1	1					1
	Saws					1	18	7	1									1	
	Planer						3												
	Drill	1				2	1	2			2								
	Milling machinery						1		1										
	Shears						1												
	Emery wheel						4	3	1										
	Press					3	20	3	1		1								
	Punch					1	5	3											
	Dies						12												
	Barker						2												
	Calender						1		1										
	Cutter knives					5	6	2											
	Conveyors					1	3		1				2	1					1
	Hammers					1	1		1										
	Loom					1	1												
	Centrifugal machinery						1												
	Paper machinery					2			1										
	Spinning machinery					3	5	4	2	1		1							
	Winders						1		1										
	Grinding wheels						3												
	Lathes					2	4												
	Machinery connections		2			9	33	5	4	2	2								
	Trucking						4												1
	Other machinery		1			5	14		2			2	1		2	1			
	Miscellaneous causes	4	5	5		51	88	29	21	5	14	10	19	11	3	2	1	4	1
Industrial diseases						6	1		1				23		1				
Drowining																			
Totals		31	54	254	3	282	632	179	115	51	83	37	110	46	20	120	5	24	61

INSPECTION BRANCH
for the Fiscal Year 1937

Trunk			Lower Extremities								Class of Industry													
Hips	Groin	Abdomen	Legs	Foot	Toes	Knee	Ankle	Multiple	FATAL	Totals	Pulp and Paper Trades	Metal Trades	Rubber & Rubber Goods	Textiles	Food	Lumber	Laundries	Chemicals	Conveyances, etc.	Clay, Glass and Stone	Unclassified Trades	Leather Goods	Woodworking	Wearing Apparel
.....	.....	1	6	20	6	.....	6	47	.....	159	18	66	2	7	7	2		4	8	16	21	2	4	2
.....	.....	.....	.....	1	1	1	.....	1	3	10	.....	6	.....	.....	.....	.....	.....	.....	2	1	1	.....	.....	.....
.....	.....	.....	.....	.....	1	.....	1	2	1	9	2	.....	1	.....	4	.....	.....	.....	.....	1	1	.....	.....	.....
.....	.....	.....	.....	.....	1	.....	.....	.....	5	13	1	6	.....	.....	.....	.....	2	.....	1	.....	2	.....	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	3	6	.....	1	.....	.....	1	.....	.....	.....	.....	.....	4	.....	.....	.....
1	1	2	29	142	164	15	9	21	1	507	108	191	17	15	15	25	.....	9	35	51	38	.....	3	.....
3	4	1	22	30	1	31	10	51	4	327	68	87	9	22	15	19	.....	7	11	35	43	3	5	3
.....	2	3	3	.....	.....	1	.....	5	1	111	25	47	3	10	1	13	.....	2	.....	3	4	.....	3	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	190	29	101	14	5	9	9	2	2	4	2	10	1	2	.....
.....	2	.....	3	18	4	5	3	1	.....	146	44	26	5	8	18	3	.....	2	2	11	14	3	5	5
.....	.....	.....	.....	.....	.....	1	.....	4	.....	15	6	6	1	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
.....	.....	.....	.....	2	3	2	2	2	1	228	27	68	4	39	15	6	.....	3	15	13	22	1	13	2
1	.....	.....	7	14	11	7	3	3	1	320	73	112	10	17	13	17	.....	.....	14	27	34	.....	3	.....
6	11	12	8	18	2	30	59	5	.....	381	69	109	24	22	15	11	.....	5	12	45	54	5	9	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	2	1	1	.....	1	.....	.....	.....	.....	1	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13	2	5	.....	2	.....	.....	.....	.....	.....	2	1	.....	1	.....
.....	.....	.....	3	.....	.....	1	.....	3	4	35	8	6	1	1	.....	8	.....	.....	4	1	4	.....	2	.....
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	29	1	7	.....	2	1	.....	.....	.....	2	4	3	.....	9	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	1	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	1	3	.....	.....	.....	.....	.....	.....	3	.....	1	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	3	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	9	.....	6	.....	1	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28	.....	17	1	.....	.....	.....	.....	.....	2	2	4	.....	1	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	2	2	2	.....	.....	.....	.....	.....	2	.....	.....	1	.....	.....
.....	.....	.....	1	1	.....	.....	.....	.....	.....	14	.....	8	.....	.....	.....	.....	.....	.....	2	2	2	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	2	.....	4	2	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	14	.....	3	1	3	3	.....	.....	.....	.....	1	2	.....	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	3	2	.....	.....	1	1	.....	.....	.....	1	1	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	2	2	.....	.....	.....	.....	7	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18	.....	1	.....	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	7	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
.....	.....	.....	.....	.....	.....	1	.....	4	.....	62	3	26	5	4	4	1	.....	.....	3	3	9	2	1	1
.....	.....	.....	4	6	12	.....	5	1	.....	33	4	7	3	3	6	1	.....	.....	2	2	4	.....	1	.....
.....	.....	.....	1	.....	.....	.....	2	1	1	33	4	9	1	1	2	3	.....	.....	3	1	3	2	2	2
2	2	.....	14	25	6	30	4	9	5	370	40	106	13	22	32	18	.....	1	21	43	49	5	18	2
.....	.....	.....	.....	.....	.....	.....	.....	3	5	40	.....	14	5	2	3	.....	.....	.....	1	11	2	2	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	22	19	104	280	214	126	104	167	37	3,193	553	1,066	124	206	166	142	4	35	149	278	339	27	85	19

PROSECUTIONS

Proceedings were taken against twelve firms under section 30 of the Act, dealing with hours of labour for youths, young girls and women, and against one firm under section 71, dealing with hours of labour in bakeshops. Conviction was recorded in each case and fines amounting to $130.00 were credited to the Branch.

ACCIDENTS

Three thousand, one hundred and ninety-three accidents were reported for the year 1937, as compared with three thousand and thirty-seven in 1936, with 37 fatalities this year and 25 last year.

Fatalities were due to:—

Belts, pulleys and shaftings	4
Cranes and derricks	3
Drowning	1
Electricity	5
Elevators	1
Engines and cars	1
Explosions	3
Falling substances	1
Falls	4
Flying missiles	1
Industrial diseases	5
Infected wounds	1
Jammed between articles	1
Other machinery	1
Miscellaneous	5
Total	37

EXPLOSIONS

The following explosions were reported as causing injuries to employees during the year:—

May 13, 1936—Explosion occurred of dry cleaning solvent in a cleaning plant.

August 31, 1936—Explosion of a cooking kettle occurred in the kitchen of a departmental store.

October 27, 1936—Explosion occurred in the drumming department of a fur factory.

January 6, 1937—Furnace exploded in a hotel.

February 12, 1937—Furnace exploded in a beverage manufacturing company.

March 8, 1937—Tank exploded in a metal industry.

March 10, 1937—A refrigerator unit exploded in a brass foundry.

BOARD OF EXAMINERS OF OPERATING ENGINEERS

MEMBERS: W. J. SCOTT, S. G. ROSE

In submitting the twenty-eighth Report of its activities, the Board of Examiners is pleased to note the steadily improved character of the men appearing for examination. With the grading of certificates in 1920 a foundation was laid upon which there has developed a class of engineers who are assured of recognition in their technical and practical ability.

In maintaining a high standard of examination for the operating engineers of Ontario, the Board of Examiners is responding to the demands of modern industrial development. Employers of labour now fully recognize the fact that the efficiency of the average present day power plant is due not only to a better grade of equipment, but also to a better class of engineers, and that a vast saving can be effected by the application of technical knowledge.

The grade of permanent certificate held by an engineer represents the measure of his experience and ambition. There is a high price and a steady market today for the capable operating engineer of the advanced grades, and there is increasing evidence that the engineers of Ontario have become alive to this fact.

The Operating Engineers Act was revised at the last session of the Legislature, bringing it into accord with present engineering practices. Provision was made for bringing within the scope of the Act more low pressure steam plants, particularly those in schools, theatres and other public buildings, so that this Department will now have jurisdiction over their operation in the interest of public safety.

Compared with last year, there was an increase of $1,140.71 in the amount of revenue received in the Branch, which amounted to $26,062.53, and the expenditures amounted to $19,633.86, or $6,428.67 less than the revenue. There was an increase also of 18 in the number of certificates issued to firemen and engineers. Of the 1,644 individual examinations held during the year, 751 candidates were examined at the Head Office, Toronto, and 893 were examined at 73 other centres throughout the Province. A total of 703 candidates failed in their examinations, as compared with 574 last year.

On November 14, 1931, the Board issued its first text book and the total revenue received from the sale of these books to date amounts to $9,408.43.

The Board takes this opportunity of expressing its appreciation of the co-operation and support of both engineers and plant owners in the administration of The Operating Engineers Act.

REPORT RE REVENUE FOR FISCAL YEAR 1937

Fees Collected for Certificates

By Examinations	$ 6,165.50
Re-examinations	1,220.00
Renewals	15,215.25
Provisionals	56.00
Duplicates	28.00
Plant registration	128.03
Revenue by	
Certificates	$22,812.78
Sale of text books	2,165.07
Miscellaneous	7.75
Surplus cash	30.23
Penalty renewal fees	1,571.00

Monies Refunded on

Examinations		$ 420.00
Renewals		33.00
Duplicates		1.00
Text Books		5.50
Penalty renewal fees		33.00
Surplus cash refunds		20.50
Plant registration		2.00
Unhonored cheques		10.30
Less refund credit		
Cheque	$1.00	
Total refunds		$ 524.30

Total Gross Revenue	$26,586.83
Total Monies Refunded	524.30
Net Revenue	$26,062.53

REPORT RE CERTIFICATES FOR FISCAL YEAR 1937

Number of Certificates Issued	16,395
Number of Certificates Refused	703

Certificates Issued Refused

CLASS	By Examination	By Re-Examination	By Provisional	By Duplicate	By Renewals	Total Certificates Issued	Certificates Refused Owing to Low Percentage
Firemen	111	16			307	434	36
4th class	465	75	6	8	4,809	5,363	242
3rd class	133	66	3	6	4,483	4,691	238
2nd class	22	14			2,353	2,389	118
1st class	8	5		1	268	282	29
Hoisting	61	2	2	4	1,636	1,705	18
Traction	63	1		2	1,000	1,066	22
Duplex	13			3	326	342	
Total	876	179	11	24	15,182	16,272	703
Plant Registration Certificates						123	
Grand Total Certificates Issued						16,395	

REPORT OF EXAMINATIONS HELD FOR FISCAL YEAR 1937

Number of Candidates Examined at Toronto	751
Number of Candidates Examined at Other Centres	893
Total Number of Candidates Examined	1,644

Class	At Toronto	At Other Centres	Total
Firemen	45	80	125
4th class	321	434	755
3rd class	199	210	409
2nd class	89	64	153
1st class	30	13	43
Hoisting	33	46	79
Traction	34	46	80
Totals	751	893	1,644

Examinations were held at Outside Centres as follows:

	Number of Examinations	Number of Candidates
Brantford	3	19
Belleville	3	22
Brockville	3	11
Chatham	1	6
Cornwall	2	8
Fort Frances	2	16
Guelph	3	30
Haileybury	2	22
Hamilton	3	60
Kapuskasing	1	13
Kenora	2	19
Kirkland Lake	2	38
Kingston	4	35
Kitchener	2	38
London	3	87
Niagara Falls	2	22
North Bay	2	8
Ottawa	3	51
Owen Sound	3	17
Palmerston	2	8
Pembroke	1	11
Peterborough	3	22
Port Arthur	2	52
Renfrew	1	7
Sioux Lookout	2	22
Sudbury	2	57
Sarnia	3	28
St. Catharines	1	5
Smith's Falls	2	9
Timmins	2	61
Windsor	3	61
Other Centres	3	28
Total at Outside Centres	73	893
Total at Toronto		751
Grand Total		1,644

BOILER INSPECTION BRANCH

CHIEF INSPECTOR, DEPARTMENT OF LABOUR—J. R. PRAIN

EXAMINER OF REPORTS AND DESIGNS—J. N. BRIGGS

The activities of the Boiler Inspection Branch during the fiscal year indicate a further revival of industries connected with the fabrication of boilers, pressure vessels and accessories, as well as a marked increase in the re-sale of used vessels coming under the jurisdiction of this Branch, all of which resulted in an increase of revenue of $1,720.41, compared with that of the preceding fiscal year.

Increased demand for vessels of the fusion welded type is much in evidence, requiring the development of fusion welding applications for definite assurance of the integrity of the welds. Most of the welding codes and specifications recently formulated contain complete requirements for qualifying the welding operator, which has kept our inspectors busy in the manufacturers' shops and in the laboratory.

In view of the fact that the boiler making industry is rapidly developing new types of vessels, increasingly greater in size and pressure, it was necessary to call a conference of the chief boiler inspectors in every province except the Maritimes for the purpose of revising the existing regulations to meet the modern trend. This conference was held in Toronto from June 1to 9, 1936, and as might be expected, welding was accorded a prominent place in the programme. Consequently this important forum decided in the final deliberations to adopt the A.S.M.E. Code for the construction of fusion welded pressure vessels, and incorporate same in the Canadian Interprovincial Regulations.

We regret to report an explosion on January 6, 1937, of a round cast iron sectional hot water heating boiler in an hotel, which caused the instant death of the attendant, and on February 12 another life was lost due to the explosion of a cast iron jacket heater used both for heating and hot water supply in a local industry. Investigations revealed that the operators in both cases had failed to open the valves on the flow and return connections installed on the boilers before starting the fires. The fact of opening these valves would have made them safe systems connected to open expansion tanks. On March 14, 1937, there occurred another explosion of a cast iron hot water heating boiler, designated as a closed system, in a private residence. Fortunately at this time there were no fatalities. As in the two preceding cases this boiler was made a potential bomb by the closing of the return and flow valves. In all three cases the boilers were installed without proper means of relieving excess pressure as provided for in the Regulations. Such installations are exempt from inspection.

TABULAR SUMMARY OF WORK

Drawings and Specifications Surveyed, Registered and Re-registered.

	Designs
Boilers—Water tube	10
Horizontal return tubular	5
Vertical	10
Scotch marine	1
Cast iron sectional	2
Locomotive	2
Heating	26
Electric steam generator	4
Digester	3
Clinker chills	2
Autoclave	1
Water walls	1
Steam jacketed kettles	22
Tanks	114
Steam piping layouts	23
Accessories	23
Special ruling	
Pressure vessels	25
Boilers	6
	280

Drawings surveyed but not registered:

Pressure vessels	2
Boilers	1
	283

New Pressure Vessels Inspected—

	Inspections
Boilers—Ontario	175
Quebec	30
Manitoba	2
Pressure vessels—Quebec	53
Saskatchewan	8
Alberta	14
Tanks—Ontario	219
Steam jacketed kettles	5
Digesters	3
Electric steam generator	1
Clinker chills	4
Water wall installation	5
Boiler installation	1
Steam piping layouts	2
Total number of first inspections	522
Total number of second inspections	359
Total number of final inspections	493

Used Pressure Vessels Inspected—

	Inspections
Boilers	551
Boilers—Condemned	7
Tanks—Condemned	2
Tanks	141
Jacketed kettles	17
Vulcanizers	2
Carbon bottle	1
Digester	1
Clinker chills	1
Flatware ironer	1
Sterilizers	3
Paper rolls	55
High pressure gas compression system	1
Low pressure gas compression system	1
Annual inspections—boilers	215
Pressure vessels	42
Total number of inspections	1041
Final inspections only	249

Certificates Issued—

Class "A"—new pressure vessels	393
Class "B"—used pressure vessels	807
Class "C"—heating boilers, low pressure, accepted by affidavit of shop foreman	298
Class "D"—new pressure vessels, accepted by affidavit of shop foreman	940
Class "E"—new boilers under 3 H.P. accepted by affidavit of shop foreman	26
Duplicate	43

The total amount of monies transmitted to the Treasurer of Ontario for the fiscal year ending March 31, 1937, was $15,254.55.

APPRENTICESHIP BOARD

CHAIRMAN—J. F. MARSH
MEMBERS—A. W. CRAWFORD, F. S. RUTHERFORD
DIRECTOR OF APPRENTICESHIP—FRED J. HAWES

The past year has been one of greatly increased activity in the Apprenticeship Branch. Building trades, while showing some improvement, have not had an increase in the number of apprentices registered in proportion to the increase in the volume of building. There is apparently a lack of confidence in the future and employers appear reluctant to enter contracts of apprenticeship for four-year periods.

It has not been possible to put into operation the full programme for apprentices in the building trades, but, with the general improvement now apparent in business and general economic conditions, it is to be expected that technical schools, which discontinued trade classes during the depression years, will again be able to provide adequate training classes for all apprentices in the various trades.

The barbering and hairdressing trades were brought within the scope of the Act and, in co-operation with the Provincial Advisory Committee, regulations governing both trades were drafted and passed by Order-in-Council on the 16th day of January, 1937. The organization and registration of these trades are now in progress and, as in the motor vehicle repair trade, entail a greatly increased amount of clerical work.

The situation in connection with the barbers and hairdressers is particularly difficult owing to conditions brought about mainly by the large number of so-called "schools" advertising to teach hairdressing and barbering. For years these schools have been passing young people through courses of instruction, generally considered to be totally inadequate to enable the students to attain proficiency or to obtain employment, despite fees varying from $25.00 to $250.00. These students have been passing through the schools in large numbers irrespective of the possibilities of the trade to absorb them, with the result that hundreds of inadequately trained young people are in the hairdressing business, who are now required to enter into contracts of apprenticeship with their employers, a large number remaining who are not able to obtain employment in the trade. It will require some time to straighten out this very unsatisfactory condition.

The Provincial Apprenticeship Board has met fifteen times during the year, devoting most of the time at each meeting to problems affecting the trades recently brought within the scope of the Act. In accordance with the Board's instructions, technical classes are being organized in all centres where it is considered possible to develop technical instruction in the motor vehicle repair trade. Instruction in hairdressing and allied subjects has never been provided in technical school continuation classes. An effort is now being made to establish classes for apprentices in the various subjects pertaining to hairdressing and beauty culture.

At the last session of the Legislature the Apprenticeship Act was amended. Two separate schedules are now provided: Schedule "A," including trades in which apprentices must be minors; Schedule "B," including trades in which there is no age limit for apprentices. Provision was also made for replacing the Provincial Apprenticeship Board with the Industry and Labour Board for the administration of the Act. A further amendment provides for the licensing of all schools which profess to teach designated trades other than schools under the jurisdiction of the Department of Education.

There were 518 apprentices under contract and registered with this office during the year, or an increase of 188 as compared with last year.

Several meetings have been held with representatives of the photo engravers regarding the advisability of coming within the scope of the Act, and other trades have made enquiries in this connection.

The interest shown in the apprenticeship of youths, whereby they may learn trades thoroughly, has been more apparent than ever before. Letters and enquiries are being continually received from various organized groups endeavouring to open up avenues for Canadian youths. We co-operate as much as possible with these bodies.

The tables included in this report give additional information and statistics of the Apprenticeship Board.

TABLE No. 1

REGISTRATION OF APPRENTICES BY TRADES

FOR THE FISCAL YEAR ENDING MARCH 31, 1937.

Trade	Registrations		Cancellations		Completions		Active
	During Year	Total	During Year	Total	During Year	Total	
Bricklaying	4	204	2	30	12	157	17
Masonry		13		4	1	7	2
Carpentry	14	219	2	31	3	160	28
Painting and Decorating	30	132	3	12	4	71	49
Plastering	3	122	1	19	3	97	6
Plumbing	33	590	19	137	15	331	122
Steamfitting	8	168	9	49	8	92	27
Sheet Metal Work	9	185	3	43	11	114	28
Elecrical Work	23	297	17	68	7	174	55
Motor Vehicle Repairing (a)	105	105	1	1			104
(b)	17	17					17
(c)	17	17					17
Hairdressing	47	47	1	1			46
Total, 1937	310	2,116	58	395	64	1,203	518
Total, 1936	107	1,806	17	337	78	1,139	330

TABLE No. 2

DISTRIBUTION OF APPRENTICES BY TRADES FOR THE FISCAL YEAR ENDING MARCH 31, 1937.

Trade	First Year	Second Year	Third Year	Fourth Year	Fifth Year	Total
Bricklaying	2	2	2	11	.....	17
Masonry	...		.	2	.....	2
Carpentry	8	9	4	7	.....	28
Painting and Decorating	14	13	11	11	....	49
Plastering	2	1	1	2	..	6
Plumbing	5	22	20	16	59	122
Steamfitting	2	7	6	2	10	27
Sheet Metal Work	5	7	.	16		28
Electrical Work	8	17	9	21		55
Motor Vehicle Repairing	21	48	39	21	9	138
Hairdressing	28	16	2	.	..	46
Total	95	142	94	109	78	518

MINIMUM WAGE BOARD

CHAIRMAN—A. W. CRAWFORD

MEMBERS—PATTERSON FARMER, MISS MARGARET STEPHEN

This report for the fiscal year ending March 31, 1937, is the seventeenth and final report of the Minimum Wage Board.

NEW MINIMUM WAGE ACT

During the past session of the Legislature, the Minimum Wage Act was repealed and the new Act which takes its place became effective March 25, 1937, when it received the Royal Assent. The old Act had been on the statutes since 1920 and had been amended five times since the consolidation of the statutes in 1927.

The provisions of the new Act are the same in many respects as those of the former legislation. The principal difference is that the new Act applies equally to male and female employees whereas the only provision in the old Act affecting male employees was section 11 (6) under which any male who replaced a female employee could not be paid less than the prescribed minimum wage.

Under the new Act the Minimum Wage Board is replaced by the Industry and Labour Board which is being set up under a new section of the Department of Labour Act and which will administer the Minimum Wage Act, the Industrial Standards Act, the Apprenticeship Act, and any other legislation which may be assigned to it by the Lieutenant-Governor-in-Council.

The new Board is given greater powers and a wider scope of activity than the Minimum Wage Board and the membership has been increased from three to five so that representation may be given to employers and employees.

The penalty for discharging or discriminating against an employee who gives testimony or supplies information to the Board or who "initiates or takes part in any proceeding had or taken for the purpose of assisting the Board to establish a minimum wage" has been increased from a minimum fine of $10.00 to one of $50.00.

The minimum fine for the underpayment of an employee remains at $25.00 but the minimum fine for a second offence is now $50.00 for each employee affected.

Where correct time records are not kept by the employer it shall be presumed that the underpaid employee has been employed for the full working period and is entitled to the full weekly wage for the total period of employment.

The complete text of the Act is given in Appendix VI of this report.

HOMEWORK

An outstanding feature of the work of the Board during the past year was the new activity in connection with the establishment of piece-work rates for home-workers, as provided under Section 51 of the Factory, Shop and Office Building Act, which section was enacted at the 1936 session of the Legislature.

This new section provides that every employer who gives out home-work and every person who engages in such work in connection with personal and household articles shall obtain a permit from the Chief Inspector, Department of Labour, and no such permit shall be issued until the Minimum Wage Board has approved the piecework rates to be paid in connection therewith.

Investigation by the Department revealed that many homeworkers were working long hours under very trying conditions. Some were earning wages of less than five cents per hour, while others engaged in similar lines of work earned considerably more than the minimum rates fixed by the Board under The Minimum Wage Act. The joint efforts of the Inspection Staff of the Department of Labour and the Minimum Wage Board have resulted in improved conditions for the majority of homeworkers. Piecework rates, in some instances, have been more than doubled. Increases have been secured on all work where demonstrations have shown that the homeworkers could not earn the minimum wage rates fixed for factory workers.

Wherever the same work is done in both factories and homes, the Board has insisted that the piecework rates for homeworkers shall be the same as, or equivalent to, the factory rates which must be such that the average worker can earn at least the minimum wage. Where the work done by homeworkers is not performed in factories and where competition from other countries is such that immediate drastic increases in piecework rates would make it impossible for the employer to meet such competition, the Board has adopted a schedule of gradual increases which will result in the establishment of piecework rates equivalent to the minimum wage within the next year or two.

The Board was surprised to learn that household and personal articles were being manufactured in homes in all parts of the Province, that one firm employed as many as 400 homeworkers, and that approximately 150 different types of articles were being manufactured in this manner. Permits have been issued during the past year to 107 employers and to 1,120 employees, the bulk of whom are engaged in manufacturing the following types of articles:

Sporting goods.
Embroidery work.
Dolls' dresses.
Candlewick bedspreads.
Millinery.
Underwear.
Neckties.
Hand tailored garments.
Hosiery.
Artificial flowers.
Knitted and crocheted garments.

Others are engaged in such operations as:
Stringing tags, carding buttons and pins, cutting lace, etc.

AMENDMENTS TO ORDERS

During the year the Board amended four orders after consultation with representatives ofthe industries concerned and after careful investigation of conditions in each class of employment.

Hotels and Restaurants.

Order No. 27, which establishes minimum hourly rates for female employees engaged in any class of work in hotels, restaurants and refreshment rooms, was amended by clarifying the definitions and by extending the scope of the order to cover unincorporated urban communities which are defined as follows:

> "Unincorporated Urban Community" shall mean and include any urbanized section or adjacent section of a township or townships which is sub-divided into building lots, in which the majority of the residents are engaged in pursuits other than agriculture, and which is not incorporated as a separate municipality, such as industrial areas and residential sub-divisions on the outskirts of cities, residential and business areas in connection with mining developments, etc.

No changes were made in the wage rates, which are fixed on an hourly basis because of irregularity in the hours worked by female employees in such establishments.

The amended Order No. 27 became effective on May 23, 1936. (See Appendix II).

Hairdressing and Beauty Parlours.

Amendments to Order No. 42 governing female employees in beauty parlours, hairdressing and manicuring establishments were necessitated by the inclusion of hairdressing and beauty culture under the provisions of the Ontario Apprenticeship Act. When this business was added to the list of designated trades under The Apprenticeship Act on June 17, 1936, it immediately became compulsory for any learner employed in a beauty parlour or similar establishment governed by the Act to be indentured as an apprentice. In co-operation with the Provincial Apprenticeship Board, the Minimum Wage Board amended the order and adopted special rates for indentured apprentices.

The amended order which became effective on October 1, 1936, provides that any beginner who is not indentured under The Apprenticeship Act must be paid at not less than the full minimum rate for experienced operators, namely:

$12.50	for Toronto,
12.00	for Ottawa, Hamilton, London and Windsor,
11.00	for all cities, towns, and unincorporated communities of 10,000 to 50,000 population.
10.00	for all communities of from 5,000 to 10,000 population.

Rates in the contract of apprenticeship are set forth in cents per hour equivalent to the foregoing weekly rates.

Previously this order applied only to cities with populations in excess of 50,000. (See Appendix III).

Retail Stores.

Order No. 6 fixes rates for sales clerks and other employees in retail establishments and was amended as from November 1, 1936, the principal changes being as follows:

The rates for inexperienced employees commence at the age of 16 years with increases semi-annually during a two-year learning period. If a girl commences at 17 years, she receives the same wages as a 16 year old girl with six months' experience and is entitled to the full minimum wage after 18 months. Similarly a girl commencing at 18 years of age is entitled to the next higher rate and must receive the full minimum wage after one year.

The maximum number of inexperienced workers in retail establishments has been decreased from 50 to 40 per cent. of the total staff.

Employees who are engaged for busy periods only or as substitutes for full time workers and who regularly work not more than ten hours per week must be paid at hourly rates which are not less than the minimum hourly rates for experienced adults. (See Appendix IV).

Laundry and Dry Cleaning Establishments.

Conferences were held with representatives of the laundry and dry cleaning establishments throughout the Province which resulted in the following changes in Order No. 31. which became effective on February 1, 1937.

The provisions for inexperienced employees which formerly were set forth in two schedules, one for young girls and the other for inexperienced adults, are now contained in one schedule for each population zone, so that all beginners regardless of age commence at the same rates and receive increases at the end of each three-month period, becoming entitled to the full minimum wage on completion of a nine-month training period.

The minimum wages in each of the population zones must now be paid for a maximum weekly work period of 48 hours.

Special provision has been made for pieceworkers similar to that existing in the factory order, under which, if 80 per cent. of the pieceworkers in any one department, or those doing any single operation, earn on each pay day the minimum wage to which they are entitled according to length of experience, the remaining 20 per cent. may be paid what they earn.

The amended order also provides that the total number of inexperienced employees in any establishment must not at any time exceed 40 per cent. of the total working force. (See Appendix V).

ADMINISTRATIVE PROBLEMS

Increasing employment and the return of more prosperous conditions in industry have been reflected in a diminishing number of underpaid employees and a reduction in the amount of arrears collected. The improvement in administrative problems is not as marked as was to be expected and despite the best efforts of the Board and the departmental inspectors, it is apparent that many employers are still ignorant of the provisions of The Minimum Wage Act and some continue to disregard the provisions of the orders, in spite of repeated warnings and the collection of arrears.

Under improved economic conditions there is little excuse for underpayment of any female employee but during the past year the Board has continued to refrain from court action where satisfactory adjustments could be arranged with the approval of all parties concerned and where it was evident that such adjustments would result in future compliance with the law.

Failure on the part of employers, particularly those in small establishments, to keep accurate, complete records of the time worked by each employee continues to be the chief obstacle to proper enforcement of the Act The employees are frequently to blame for this condition because they resent punching a clock or signing a register on entering and leaving the premises. The Board knows of no other way in which accurate time records may be kept and, where memory is resorted to, or it is taken for granted that a daily schedule will be lived up to, it becomes impossible to establish the actual hours worked when complaints are investigated.

Another difficulty facing the Board is the tendency on the part of employees to exaggerate their claims for arrears when making complaints. Seldom are all the facts given to the Board either by the employee concerned of by a third party through whom the complaint is received. The necessity for careful investigation handicaps the Board in its efforts to deal promptly with all complaints, particularly in small centres and isolated districts where the departmental inspectors do not regularly visit employers and where special trips are necessary. Whenever a specific, signed complaint is received a thorough investigation is made and the complainant is notified in writing when the Board fails to find evidence of violation so that further particulars may be submitted.

In some cases, where the Board is convinced that violations have occurred, action cannot be taken because of the impossibility of securing the necessary court evidence. Employees sometimes sign receipts for money they have not received or for larger amounts than they have actually been paid and it is not an infrequent occurrence to find records of hours which have been manipulated to conform with the wages paid, rather than being accurate records of the time employees were on duty. In most of such cases there has been collusion between the employer and the employee and the Board has been made aware of the violation only after the employee has been dismissed.

So long as such practices continue it will be impossible for the Board to protect employees who are unwilling or afraid to reveal the facts during the period of employment. Because of such difficulties the Board is forced to make settlements out of court and to order adjustments rather than to institute court proceedings.

ARREARS OF WAGES

The following monthly summary of arrears collected during the year shows that the total of $20,083.41 was collected from 427 employers for 796 female employees:

Month	Number of Firms	Number of Employees	Amount Collected
1936			
April	31	39	$ 1,271.84
May	32	53	1,331.05
June	26	42	1,428.61
July	41	103	1,183.85
August	29	64	1,635.97
September	45	58	1,763.09
October	47	65	2,166.55
November	33	57	1,736.73
December	36	56	2,015.73
1937			
January	31	45	1,717.87
February	22	41	823.38
March	54	173	3,008.74
Totals	427	796	$20,083.41

ADJUSTMENTS

Constant checking by the Board is essential to adequate enforcement of each order and for this purpose wage sheets are collected annually and in some cases more frequently from approximately 20,000 employers of female workers in all parts of the Province.

Number of Adjustments Effected during Fiscal Year 1937:

Month	Number of Employees	Number of Firms
1936		
April	84	52
May	102	63
June	176	114
July	178	114
August	152	64
September	210	96
October	301	154
November	171	93
December	164	77
1937		
January	171	96
February	141	104
March	143	94
Totals	1,993	1,121

WAGE SHEET ANALYSES (Appendix I)

Every wage return is checked and analysed to make sure that minimum wage orders are complied with and to keep an annual record of wages paid to female workers in different occupations and industries. These analyses have shown that, with few exceptions, there is little justification for the claim that a minimum wage established by law becomes the maximum or prevailing wage.

The tables in Appendix I show the spread in wages of female employees in different occupations and reveal that considerably more than half of the female employees receive more than the minimum rates for experienced adults while less than fifteen per cent. are paid at the lower rates provided for beginners and young girls.

COMPLAINTS

Less than one third of the the cases dealt with by the Board arise from complaints received either direct from employees or through other interested persons. All complaints where names are given are investigated without delay and a report made to the complainant, if action is not taken against the employer. In addition to the 677 specific complaints dealt with during the past year, many others were received by the office and inspectors which did not require special investigation.

COMPLAINTS RECEIVED DURING FISCAL YEAR

Month	Number of Complaints
1936	
April	48
May	55
June	73
July	55
August	59
September	84
October	61
November	49
December	37
1937	
January	51
February	46
March	59
Total	677

PERMITS

There was a slight increase in the number of permits issued during the past year authorizing wages lower than the specified minimum rates. Such permits are issued on signed application by both employer and employee where, because of age or disability, the worker is unable to compete with normal persons. Permits are issued for one year or less but renewals are granted without investigation in the case of workers over sixty years of age or where the disability is permanent and handicaps the employee in the work performed.

	Number of Firms	Number of Employees
Permits in force at beginning of fiscal year	71	125
Permits issued during fiscal year	29	49
Permits expired or cancelled during fiscal year	25	39
Permits in force at end of fiscal year	75	135

PROSECUTIONS

The policy of the Board has been to demand immediate adjustments on the first violation of underpayment, to collect the full amount of arrears if adjustments are not immediately made and the law complied with in all respects after the first warning, and to prosecute where it is evident that violations are deliberate or warnings and adjustments have not had the desired effect. Occasionally, first offenders are prosecuted but only where there is ample evidence that the employer is aware of the law or where he refuses to make adjustments ordered by the Board. The following table indicates the nature and extent of court proceedings taken during the past year: (See pages 44 and 45.)

Prosecutions During The Fiscal Year 1937

See Pages 44 and 45

PROSECUTIONS DURING

Date 1936	Number of Cases	Nature of Charges Laid
April	2	1—Violation Order 27
		1—Violation Order 27
May	4	1—Violation Order 27
		1—Violation Order 27
		1—Violation Order 26
		3—Violation Order 16
June	4	1—Refusing information
		1—Violation Order 27
		2—Violation Order 17
		Unsatisfactory records
		1—Violation Order 42
July	1	2—Falsifying Records
		Violation Order 27
August	4	1—Violation Order 27
		2—Violation Order 50
		Failure to keep records
		1—Violation Order 27
		2—Falsifying Records
		Violation Order 35
September	3	1—Failure to keep records
		2—Violation Order 27
		Failure to keep records
		2—Supplying untrue information
		Violation Order 26
October	4	1—Violation Order 35
		1—Violation Order 27
		1—Violation Order 25
		1—Violation Order 17
November	3	2—Failure to keep records
		Violation Order 31
		2—Failure to keep records
		Violation Order 25
		1—Violation Order 25
December	3	2—Violation Order 27
		1—Falsifying records
		2—Failure to keep records
		Violation Order 25
1937 January	5	1—Violation Order 33
		1—Violation Order 17
		1—Failure to keep agreement
		1—Violation Order 27
		1—Violation Order 6
February	3	2—Violation Order 27
		Falsifying records
		1—Violation Orders 6 and 25
		1—Violation Order 31
March	3	2—Failure to keep records and submitting untrue information
		Violation Order 21
		1—Violation Order 27
		2—Violation Order 42
		Failure to keep records and submitting untrue information

THE FISCAL YEAR 1937

Arrears Awarded	Action Taken	Fines	
		Amount	Result
	Dismissed		
	Dismissed		
$ 25.00	Withdrawn		
76.78	Conviction	$ 25.00	Remitted.
21.00	Withdrawn		
425.00	Withdrawn		
	Withdrawn		
30.00	Withdrawn		
106.40	Conviction	25.00	Paid—Appealed—Fine sustained—arrears dismissed.
	Withdrawn		
60.00	Withdrawn		
		100.00	Paid.
101.43	Withdrawn		
5.75	Conviction		
12.50	Conviction	25.00	Paid.
	Not Pressed		
50.00	Withdrawn		
	Withdrawn		
70.92	Withdrawn		
	Conviction	10.00	Paid.
43.40	Conviction	25.00	Paid.
	Dropped		
	Conviction	100.00	Paid.
146.15	Withdrawn		
31.90	Conviction	100.00	Paid.
	Withdrawn		Information relaid.
50.00	Withdrawn		
121.00	Conviction	25.00	Paid.
	Conviction	10.00	Paid.
	Dismissed		
	Withdrawn		Information relaid.
	Withdrawn		
250.00	Withdrawn		
130.00	Withdrawn		
	Dismissed		
	Withdrawn		
40.00	Withdrawn		
73.13	Withdrawn		
24.68	Withdrawn		
10.00	Withdrawn		
35.00	Conviction	25.00	Served jail term instead of paying fine and arrears imposed.
9.30	Conviction		
30.40	Withdrawn		
	Conviction	100.00	Paid.
112.50	Withdrawn		
283.50	Conviction	25.00	Paid.
	Conviction	100.00	Paid.
190.00	Withdrawn		
24.07	Conviction	25.00	Paid.
50.00	Withdrawn		
	Conviction	100.00	Paid.

INDUSTRIAL STANDARDS ACT

During the year under review the Minimum Wage Board in co-operation with Advisory Committees appointed for each industry continued to enforce the provisions of schedules of wages and hours under The Industrial Standards Act.

At the past session of the Legislature amendments were enacted providing for the administration of this Act by the Industry and Labour Board, and the transfer was made in May, 1937, immediately following the appointment of the new Board.

SCHEDULES

The number of schedules in effect at the close of the year was 39 as compared with 35 at the close of the previous year. A large proportion of these schedules were renewals from the previous year but several represented the application of the Act in new zones. The schedules for the men's and boys' clothing industry and the barbering trade represent the only industries added to the list during the fiscal year.

SCHEDULES IN EFFECT AT END OF FISCAL YEAR 1937

Zone	Number of Schedules	Trades and Industries
Barrie	1	Barbering.
Sarnia	1	Barbering.
St. Thomas	1	Barbering.
Hamilton	2	Painting, Decorating, Paperhanging and Glazing; Plumbing and Heating.
London	2	Electric Repair and Construction; Plumbing and Heating.
Port Arthur and Fort William	2	Barbering; Plumbing and Heating.
Kitchener	4	Bricklaying, Stonemasonry and Plastering; Carpentry; Common Labourers in the Building Trades; Painting, Decorating, Paperhanging and Glazing.
Province of Ontario	4	Brewing; Ladies' Cloak and Suit; Men's and Boys' Clothing; Millinery.
Toronto	7	Barbering; Bricklaying and Stonemasonry; Common Labourers in the Building Trades; Electric Repair and Construction; Painting, Decorating, Paperhanging and Glazing; Plastering; Plumbing and Heating.
Windsor	7	Barbering; Carpentry; Bricklaying and Stonemasonry; Common Labourers in the Building Trades; Electric Repair and Construction; Plastering; Plumbing and Heating.
Ottawa	8	Bricklaying and Stonemasonry; Baking; Carpentry; Common Labourers in the Building Trades; Electric Repair and Construction; Painting, Decorating, Paperhanging and glazing; Plastering; Plumbing and Heating.

PUBLIC INQUIRIES

The Board continued the practice of holding public inquiries where violations appeared to be widespread but the existing evidence or the nature of the offence did not warrant prosecution. These inquiries had the effect of spreading information regarding the purposes and benefits of the Act and of securing co-operation from some offenders who had violated certain provisions of the schedules in ignorance of the law.

Date	Trade or Industry	Number of Witnesses Subpoenaed	Place of Meeting
1936			
May 18	Lathers	6	Toronto
	Carpenters	3	Toronto
July 3	Ladies' Cloak and Suit	9	Toronto
October 14	Barbering	24	Toronto
December 18	Bricklaying and Stonemasonry	6	Windsor
	Common Labourers in the Building Trades	5	Windsor
1937	Barbering	24	Toronto
January 20	Painting, Decorating, etc.	1	Toronto
January 27	Barbering	44	Toronto

PROSECUTIONS

Fifty informations were laid in court during the year including 4 which were not disposed of by the end of the fiscal year. Convictions were secured in 23 cases; 6 cases were dismissed by the magistrates; and 17 cases were withdrawn for various reasons. The total amount of fines imposed where convictions were registered amounted to $261.00. In addition to the fines imposed, court orders were secured requiring the payment of arrears to under-paid employees amounting to $530.29 for the 13 employees employed by 6 employers. In one case arrears amounting to $79.00 were ordered to be paid to the Treasury of the Province because of evidence of collusion.

COLLECTION OF ARREARS

In addition to the arrears collected through court actions, a total of $7,298.87 was collected from 123 employers for 308 under-paid employees. This money was paid to the Board and transferred to the employees, and an additional sum of $184.24 was paid direct by employers to employees in cases where it was not deemed necessary to take official action or order arrears to be paid. The total amount of arrears collected, as indicated above, was $8,092.40.

APPENDICES TO REPORT OF MINIMUM WAGE BOARD

APPENDIX I

The following tables indicate the number of firms reporting to the Board the number of female employees affected by each order of the Board, and the rates of pay for female employees throughout the Province:

Order No. 6

RETAIL STORES—RETURNS FOR OCTOBER, 1936

	Toronto		Other Cities Over 50,000		5,000—50,000		Under 5,000	
	1935	1936	1935	1936	1935	1936	1935	1936
Number of stores reporting sales help	701	756	617	669	1004	1143	437	668
Total number of female employees	2869	2664	3748	4099	4371	5469	981	1375
Over 18 years	2802	2568	3642	3993	4169	5248	921	1325
Under 18 years	67	96	106	106	202	221	60	50
Average hours worked per week (normally)	48.4	48.5	48.5	48.5	50.3	50.6	51.1	50.1
Weekly rate of wages:								
Under $7.00	4	....	3	5	20	23	69	84
7- 8	2	4	5	5	68	45	75	99
8- 9	15	15	46	24	161	151	162	197
9-10	28	13	35	39	549	432	265	381
10-11	163	112	229	240	550	720	185	315
11-12	100	111	189	99	1606	1665	60	77
12-13	1251	1054	2025	2170	563	746	68	106
13-15	569	622	647	820	380	656	54	62
15-18	517	481	352	422	326	443	30	35
18 and up	220	252	217	275	148	188	13	19
	2,869	2,664	3,748	4,099	4,371	5,469	981	1,375
Number Reporting, 1936 only:	Employers	Employees	Employers	Employees	Employers	Employees	Employers	Employees
Sales help and	756	2664 S.	669	4099 S.	1143	5469 S.	668	1375 S.
Office help	....	567 O.	....	557 O.	....	471 O.	....	66 O.
Office help only	46	231	92	183	158	220	61	142
No female help	89	....	226	....	300	....	465	....
Not operating	106	....	73	....	72	....	28	....
Transferred to other trades	15	....	13	....	23	....	12	....
Wage Sheets Collected	1,012	....	1,073	....	1,696	....	1,234	....
Total Number Employees	....	3,462	....	4,839	....	6,160	....	1,583

Order No. 11

TELEPHONE EXCHANGES—RETURNS FOR DECEMBER, 1936

	Toronto		Other Cities Over 50,000		10,000-50,000		4,000-10,000		Under 4,000	
	1935	1936	1935	1936	1935	1936	1935	1936	1935	1936
Number of firms reporting	2	7	4	7	25	25	33	33	119	117
Total number female employees	487	420	890	907	679	702	284	293	501	546
Over 18 years	487	420	887	894	678	699	284	292	501	544
Under 18 years	....	....	3	13	1	3	....	1	....	2
Average hours per week (normally)	48	48	48	43	48	38	48	38	48	48
Hourly rate of wages:										
Under 12c	....	....	....	....	....	....	....	....	8	5
12c-16c	....	....	....	....	....	....	1	....	62	72
16c-18c	....	....	....	....	....	....	6	6	30	45
18c-20c	....	....	....	....	24	17	6	13	66	61
20c-22c	....	....	26	38	30	33	25	28	68	53
22c-24c	....	....	35	3	34	24	27	7	44	56
24c-26c	....	1	71	40	57	71	40	36	111	120
26c-28c	4	2	84	61	115	47	103	24	39	30
28c-36c	51	28	567	621	336	454	53	156	44	72
36c and up	432	389	107	144	83	56	23	23	29	32
	487	420	890	907	679	702	284	293	501	546
Number Reporting, 1936 only:	Employers	Employees	Employers	Employees	Employers	Employees	Employers	Employees	Employers	Employees
Female employees in Telephone Exchanges	7	420 T.	7	907 T.	25	702 T.	33	293 T.	117	546
(Including office workers)	....	....	....	....	....	93 O.	....	36 O.	....	....
Office help only	7	608	1	173	....	....	....	....	....	....
Wage Sheets Collected	14	....	8	....	25	....	33	....	....	546
Total Number Employees	....	1,028	....	1,080	....	795	....	329	117	....

Order No. 17
NEEDLE TRADES—RETURNS FOR APRIL 1936

	Toronto		Other Cities Over 50,000		5,000 - 50,000		Under 5,000	
	1935	1936	1935	1936	1935	1936	1935	1936
Number of firms reporting employees	568	623	82	98	79	87	16	19
Total number of female employees	7447	7202	704	782	2476	2620	175	212
Over 18 years	7256	6957	692	775	2280	2372	158	192
Under 18 years	191	245	12	7	196	248	17	20
Average hours worked per week (normally)	45.05	43.2	47.9	47.04	48.2	48.	49.4	49.7
Hourly rate of wages:								
Under 12c	8	1	3	3	7	12	1	3
12c-16c	26	15	....	5	77	114	6	29
16c-18c	87	89	11	8	135	112	18	15
18c-20c	104	99	17	26	150	173	29	18
20c-22c	152	163	34	38	229	228	22	38
22c-24c	259	168	31	34	406	462	27	30
24c-26c	263	208	..131	195	332	330	30	30
26c-28c	583	571	92	98	272	261	10	15
28c-36c	3966	3765	240	217	691	667	22	24
36c and up	1999	2123	145	158	177	261	10	10
	7,447	7,202	704	782	2,476	2,620	175	212
Number Reporting, 1936 only:	Employers	Employees	Employers	Employees	Employers	Employees	Employers	Employees
Factory help and Office help	623	7202 F. 602 O.	98	782 F. 85 O.	87	2620 F. 396 O.	19	212 F. 34 O.
Office help only	46	83	6	32	....	....	3	24
No female help	166	....	17	....	6	....	....	....
Not operating	114	....	7	....	7	....	2	....
Transferred to other trades	9	....	3	....	5	....	1	....
Wage Sheets Collected	958	....	131	....	105	....	25	....
Total Number Employees	....	7,887	....	899	....	3,016	....	270

Orders Nos. 21, 22, 23 and 24

DRUG AND CHEMICAL FACTORIES—RETURNS FOR MARCH, 1937

	Toronto		Other Cities Over 50,000		5,000 - 50,000		Under 5,000	
	1935	1936	1935	1936	1935	1936	1935	1936
Number of firms reporting employees	83	96	31	35	19	22	6	10
Total number of female employees	880	896	253	345	134	173	132	183
Over 18 years	821	855	252	344	130	168	129	178
Under 18 years	59	41	1	1	4	5	3	5
Average hours worked per week (normally)	43	41	43	41	42½	45	45	42¾
Hourly rate of wages:								
Under 12c	....	....	....	1	....	....	....	....
12c-16c	....	....	....	1	2	4	....	....
16c-18c	2	41	....	0	....	....	9	12
18c-20c	18	16	2	1	8	....	14	11
20c-22c	23	33	8	19	4	3	27	45
22c-24c	107	65	27	25	23	39	52	73
24c-26c	47	37	26	32	15	35	13	16
26c-28c	144	128	63	121	8	13	2	10
28c-36c	459	499	90	85	62	67	13	10
36c and up	80	77	37	60	12	12	2	6
	880	896	253	345	134	173	132	183
	Employers	Employees	Employers	Employees	Employers	Employees	Employers	Employees
Number Reporting, 1936 only:								
	96	896 F.	35	345 F.	22	173 F.	10	183 F.
Factory help and	....	445 O.	....	138 O.	....	39 O.	....	35 O.
Office help	69	161	11	22	9	26	6	11
Office help only	2	....	....	....	2	....	....	....
Not reporting	41	....	37	....	9	....	2	....
No female help	5	....	4	....	1	....	....	....
Out of business	2	....	2	....	1	....	....	....
Transferred to other trades								
Wage Sheets Collected	215	....	..89	....	44	....	18	....
Total Number Employees	....	1,402	....	505	....	238	....	229

Orders Nos. 25 and 26

OFFICES—RETURNS FOR MARCH, 1937

	Toronto		Other Cities Over 50,000		5,000 - 50,000		Under 5,000	
	1935	1936	1935	1936	1935	1936	1935	1936
Number of firms reporting employees	694	1458	303	403	460	957	178	502
Total number of female employees	12543	14826	3705	5024	4062	5002	1032	1853
Over 18 years	12463	147	3692	10	4039	15	1024	8
Under 18 years	80	14679	13	5014	23	4987	8	1845
Average hours worked per week (normally)	45	46.7	44.2	42	44.3	45.9	45.8	44.6
Weekly rate of wages:								
Under $7.00	1	11	6	7	9	21	17	17
7- 8	5	8	8	16	13	33	17	16
8- 9	32	64	9	24	29	69	24	25
9-10	19	55	16	43	96	119	51	50
10-11	120	264	67	118	163	300	130	123
11-12	136	210	101	118	521	610	83	109
12-13	1296	1523	392	732	498	637	136	350
13-15	2026	2296	556	737	606	698	135	334
15-18	3388	3823	1042	1314	1002	1154	224	440
18 and up	5520	6572	1508	1915	1125	1361	215	389
	12,543	14,826	3,705	5,024	4,062	5,002	1,032	1,853

NOTE: The "Number of firms reporting" as indicated in the above table represents only employers who reported office workers only and who had no female employees affected by any other order of the Board.
The "Number of Employees" however includes all office workers reported by all classes of employers listed under the different orders.

Order No. 27

HOTELS, RESTAURANTS AND REFRESHMENT ROOMS—RETURNS FOR MARCH, 1937

	Toronto		Other Cities Over 50,000		10,000-50,000		4,000-10,000	
	1935	1936	1935	1936	1935	1936	1935	1936
Number of firms reporting employees	394	557	198	283	396	486	196	175
Total number of female employees	3311	4159	1174	1338	1575	1991	566	592
Average hours worked per week (normally)	46.3	46	47.1	45	48.9	... 49.2	49.8	51
Hourly rate of wages:								
Under 12c	1	......	1	......	2	4	......	2
12c-16c	2	3	6	9	8	17	11	5
16c-18c	2	9	7	3	12	15	11	23
18c-20c	1	4	5	10	58	52	48	59
20c-22c	24	12	19	21	153	171	222	220
22c-24c	29	33	54	39	626	735	106	106
24c-26c	133	234	536	586	312	425	73	69
26c-28c	1172	1512	218	302	147	256	34	43
28c-36c	1601	1872	267	283	193	258	47	54
36c and up	346	480	61	85	64	58	14	11
	3,311	4,159	1,174	1,338	1,575	1,991	566	592
Number Reporting, 1936 only:	Employers	Employees	Employers	Employees	Employers	Employees	Employers	Employees
Restaurant or hotel help and	557	4159 H.	283	1338 H.	486	1991 H.	175	592 H.
Office help	......	256 O.	......	73 O.	......	44 O.	......	5 O.
Office help only	2	3	......	......	......	......	......	......
No female help	92	......	66	......	61	......	20	......
Out of business, not covered, etc.	67	......	32	......	33	......	19	......
Not reporting	8	......	8	......	12	......	18	......
Transferred to other trades	21	......	17	......	16	......	4	......
Wage Sheets Collected	747	......	406	......	608	......	236	......
Total Number Employees	......	4,418	......	1,411	......	2,035	......	597

Order No. 28

LEATHER TRADE—RETURNS FOR JUNE, 1936

	Toronto		Other Cities Over 50,000		5,000 - 50,000		Under 5,000	
	1935	1936	1935	1936	1935	1936	1935	1936
Number of firms reporting employees	60	56	6	6	34	38	14	15
Total number of female employees	662	656	188	216	933	981	511	484
Over 18 years	616	598	184	207	822	866	448	414
Under 18 years	46	58	4	9	111	115	63	70
Average hours worked per week (normally)	45	45	48	48	50	49	49.8	51
Hourly rate of wages:								
Under 12c	....	....	....	....	1	....	1	....
12c-16c	1	....	....	....	55	51	43	50
16c-18c	18	21	....	3	23	23	78	18
18c-20c	31	19	3	5	45	48	19	19
20c-22c	27	29	14	15	64	58	73	114
22c-24c	25	22	2	10	141	140	41	57
24c-26c	14	15	26	47	82	121	65	59
26c-28c	162	75	33	23	73	97	33	39
28c-36c	317	410	47	58	290	307	121	103
36c and up	67	65	63	55	159	136	37	25
	662	656	188	216	933	981	511	484
Number Reporting, 1936 only:	Employers	Employees	Employers	Employees	Employers	Employees	Employers	Employees
Factory help and	....	656 F.	....	216 F.	....	981 F.	....	484 F.
Office help	56	67 O.	6	33 O.	38	96 O.	14	42 O.
Office help only	8	10	3	13	7	18	2	4
No female employees, not operating, etc.	9	....	1	....	....	....	....	....
Wage Sheets Collected	73	....	10	....	45	....	16	....
Total Number Employees	....	733	....	262	....	1,095	....	530

Order No. 29

DEPARTMENT STORES—RETURNS FOR OCTOBER, 1936

TORONTO

	1935	1936
Number of stores reporting	2	2
Total number of female employees	3981	4439
Over 18 years	3844	4263
Under 18 years	137	176
Average hours worked per week (normally)	48	48
Weekly rate of wages		
Under $7.00	....	....
7- 8	....	....
8- 9	22	62
9-10	29	17
10-11	176	77
11-12	86	58
12-13	943	1005
13-15	1761	1934
15-18	654	974
18-up	310	312
Total	3,981	4,439

Sales force	4,439
Office force	1,745
Total number of female employees	6,184

Order No. 30

ELECTRIC TRADE—RETURNS FOR NOVEMBER, 1936

	Toronto		Other Cities Over 50,000		5,000 - 50,000		Under 5,000	
	1935	1936	1935	1936	1935	1936	1935	1936
Number of firms reporting employees	36	37	13	8	12	18	7	6
Total number of female employees	1134	1298	1239	885	422	543	327	254
Over 18 years	1048	1201	1166	861	383	495	280	223
Under 18 years	88	97	73	25	39	48	47	31
Average hours worked per week (normally)	45	45.4	46.3	48	47.5	48	48	47
Hourly rate of wages:								
Under 12c	....	....	....	....	....	....	....	....
12c-16c	5	3	....	....	5	9	3	4
16c-18c	50	34	....	....	18	20	14	8
18c-20c	....	8	....	....	28	29	28	12
20c-22c	19	7	53	24	36	25	53	42
22c-24c	40	22	185	26	45	91	81	47
24c-26c	121	34	296	141	53	46	43	35
26c-28c	96	101	244	141	37	53	46	44
28c-36c	685	835	423	463	180	216	56	55
36c and up	118	254	38	90	20	54	3	7
	1,134	1,298	1,239	885	422	543	327	254
Number Reporting, 1936 only:	Employers	Employees	Employers	Employees	Employers	Employees	Employers	Employees
Factory help and	....	1298 F.	8	885 F.	18	543 F.	6	254 F.
Office help	37	228 O.	....	189 O.	....	152 O.	....	33 O.
Office help only	27	118	14	88	3	17	1	6
No female employees, not operating, etc.	7	....	4	....	3	....	....	....
Wage Sheets Collected	71	....	26	....	24	....	7	....
Total Number Employees	....	1,644	....	1,162	....	712	....	293

Order No. 31

LAUNDRY TRADE—RETURNS FOR JUNE, 1936

	Toronto		Other Cities Over 50,000		Places Under 50,000	
	1935	1936	1935	1936	1935	1936
Number of firms reporting employees	105	112	77	87	125	135
Total number of female employees	1523	1585	533	788	639	671
Over 18 years	1488	1525	523	745	611	656
Under 18 years	35	60	10	43	28	15
Average hours worked per week (normally)	47	45½	49	46	49	48
Hourly rate of wages:						
Under 12c	....	1	1	1	7	3
12c-16c	....	1	12	5	16	22
16c-18c	6	1	2	14	31	22
18c-20c	14	51	6	7	39	39
20c-22c	49	63	29	37	111	97
22c-24c	41	37	22	30	224	261
24c-26c	120	43	306	369	93	91
26c-28c	943	931	57	143	28	31
28c-36c	293	377	79	154	61	79
36c and up	57	80	19	28	29	26
	1,523	1,585	533	788	639	671

Number Reporting, 1936 only:	Employers	Employees	Employers	Employees	Employers	Employees
Factory help and	112	1585 F.	87	788 F.	135	671 F.
Office help	....	169 O.	....	71 O.	....	52 O.
Office help only	9	23	7	7	15	25
No female employees, not operating, etc.	41	....	66	....	82	....
Wage Sheets Collected	162	....	160	....	232	....
Total Number Employees	....	1,777	....	866	....	748

Order No. 32

THEATRES AND AMUSEMENT PLACES—RETURNS FOR SEPTEMBER, 1936

	Toronto		Over 50,000 Other Cities		Rest of Province	
	1935	1936	1935	1936	1935	1936
Number of theatres reporting employees	82	89	36	40	109	103
Total number of female employees	175	194	104	109	188	188
Over 18 years	175	193	103	108	186	186
Under 18 years	....	1	1	1	2	2
Range of hours worked per week	2—53	2—48	2—60	4¼—48	3—50	4—54
Hourly rate of wages:						
Under 12c	....	....	....	....	....	....
12c-16c	....	....	2	....	1	1
16c-18c	....	....	....	....	....	....
18c-20c	1	....	1	....	1	....
20c-22c	4	....	2	....	2	3
22c-24c	....	1	....	....	5	2
24c-26c	1	1	4	10	22	28
26c-28c	5	4	9	15	7	12
28c-36c	96	102	51	51	81	78
36c and up	68	86	35	33	69	64
	175	194	104	109	188	188
Number Reporting, 1936 only:	Employers	Employees	Employers	Employees	Employers	Employees
Employees	89	194	40	109	103	188
No female help	3	....	3	....	6	....
Not operating	....	....	1	....	2	....
Wage Sheets Collected	92	....	44	....	111	....
Total Number Employees	....	194	....	109	....	188

Order No. 34

FOOD TRADE—RETURNS FOR MAY, 1936

	Toronto		Other Cities Over 50,000		5,000 - 50,000		Under 5,000	
	1935	1936	1935	1936	1935	1936	1935	1936
Number of firms reporting employees	118	111	59	62	47	51	27	28
Total number of female employees	2325	2560	831	942	1033	1020	323	372
Over 18 years	2143	2349	774	882	942	926	318	354
Under 18 years	182	211	57	60	91	94	5	18
Average hours worked per week (normally)	48	46	50	46	53	47	54	50
Hourly rate of wages:								
Under 12c	....	....	1	....	....	1	....	....
12c-16c	5	1	2	....	15	22	5	11
16c-18c	33	77	8	27	38	38	12	13
18c-20c	31	73	24	26	98	65	48	34
20c-22c	94	63	40	71	138	110	53	59
22c-24c	79	118	72	44	382	344	26	61
24c-26c	139	153	375	373	128	199	58	54
26c-28c	504	787	114	154	106	104	56	49
28c-36c	1264	1109	171	175	85	108	54	86
36c and up	176	179	24	72	41	29	11	5
	2,325	2,560	831	942	1,033	1,020	323	372
Number Reporting, 1936 only:	Employers	Employees	Employers	Employees	Employers	Employees	Employers	Employees
Factory help and	....	2560 F.	....	942 F.	....	1020 F.	....	372 F.
Office help	111	585 O.	62	139 O.	51	103 O.	28	45 O.
Office help only	98	240	37	133	80	145	40	60
No female employees, not operating, etc.	24	....	47	....	....	....	23	....
Wage Sheets Collected	233	....	146	....	131	....	91	....
Total Number Employees	....	3,385	....	1,214	....	1,268	....	483

Order No. 35

MISCELLANEOUS TRADE—RETURNS FOR AUGUST, 1936

	Toronto		Other Cities Over 50,000		5,000 - 50,000		Under 5,000	
	1935	1936	1935	1936	1935	1936	1935	1936
Number of firms reporting employees	159	160	61	70	109	106	65	69
Total number of female employees	1609	1586	835	1049	1674	1756	712	807
Over 18 years	1448	1480	819	1026	1594	1593	664	742
Under 18 years	161	106	16	23	80	163	48	65
Average hours worked per week (normally)	45.5	44.5	45	44	48	48	48	47
Hourly rate of wages:								
Under 12c	2	....	....	....	7	1	2	7
12c-16c	7	....	....	2	21	18	32	35
16c-18c	76	50	9	11	23	11	42	31
18c-20c	38	33	10	10	78	45	174	144
20c-22c	65	83	44	55	83	101	185	188
22c-24c	84	86	54	83	376	425	62	102
24c-26c	97	65	231	263	260	372	85	122
26c-28c	405	424	96	132	166	145	48	47
28c-36c	663	687	291	306	500	482	72	103
36c and up	172	158	100	187	160	156	10	28
	1,609	1,586	835	1,049	1,674	1,756	712	807
Number Reporting, 1936 only:	Employers	Employees	Employers	Employees	Employers	Employees	Employers	Employees
Factory help and	160	1586 F.	70	1049 F.	106	1756 F.	69	807 F.
Office help	....	627 O.	....	377 O.	....	421 O.	....	161 O.
Office help only	236	784	114	452	179	519	60	142
No female employees, not operating, etc.	159	....	32	....	60	....	24	....
Wage Sheets Collected	555	....	216	....	345	....	153	....
Total Number Employees	....	2,997	....	1,878	....	2,696	....	1,110

Order No. 36

TOBACCO TRADE—RETURNS FOR DECEMBER, 1936

	Toronto		Other Cities Over 50,000		5,000 - 50,000		Under 5,000	
	1935	1936	1935	1936	1935	1936	1935	1936
Number of firms reporting employees	10	7	3	3	2	2	8	8
Total number of female employees	575	264	61	307	304	261	1000	1144
Over 18 years	549	254	58	282	297	259	973	1058
Under 18 years	26	10	3	25	7	2	27	86
Average hours worked per week (normally)	45	44	45	44	45	47	47.5	48
Hourly rate of wages:								
Under 12c	......	......	......	......	7	......	19	2
12c-16c	......	......	......	......	7	......	37	34
16c-18c	1	2	......	1	8	3	38	87
18c-20c	1	4	......	......	14	4	70	109
20c-22c	5	7	4	56	33	8	101	110
22c-24c	78	16	......	17	43	15	208	113
24c-26c	44	11	11	49	30	25	182	239
26c-28c	69	26	1	34	19	88	113	276
28c-36c	199	35	33	144	66	66	220	151
36c and up	178	163	12	6	77	52	12	23
	575	264	61	307	304	261	1,000	1,144
Number Reporting, 1936 only:	Employers	Employees	Employers	Employees	Employers	Employees	Employers	Employees
Factory help and	7	264 F.	3	307 F.	2	261 F.	8	1144 F.
Office help	......	11 O.	......	22 O.	......	......	......	......
Office help only	6	15	3	5	5	5	......	......
No female employees, not operating, etc.	2	......	2	......	......	......	......	......
Wage Sheets Collected	15	......	8	......	7	......	8	......
Total Number Employees	......	290	......	334	......	266	......	1,144

Order No. 37

RUBBER TRADE—RETURNS FOR AUGUST, 1936

	Toronto		Other Cities Over 50,000		5,000 - 50,000		Under 5,000	
	1935	1936	1935	1936	1935	1936	1935	1936
Number of firms reporting employees	5	6	1	1	12	11	3	3
Total number of female employees	387	448	79	78	1132	1025	32	40
Over 18 years	386	433	79	78	1080	946	31	36
Under 18 years	1	15	....	....	52	79	1	4
Average hours worked per week (normally)	46.6	47	40	44	49	50	51	52
Hourly rate of wages:								
Under 12c	....	....	....	....	....	....	....	....
12c-16c	....	....	....	....	4	16	....	3
16c-18c	....	1	....	....	5	12	2	2
18c-20c	....	1	....	....	34	50	9	16
20c-22c	7	23	1	....	49	42	6	....
22c-24c	1	....	....	1	149	165	....	2
24c-26c	3	6	1	....	127	124	2	2
26c-28c	17	20	3	1	238	148	1	1
28c-36c	105	131	52	59	461	391	10	13
36c and up	254	266	22	17	65	77	2	1
	387	448	79	78	1,132	1,025	32	40
Number Reporting, 1936 only:	Employers	Employees	Employers	Employees	Employers	Employees	Employers	Employees
Factory help and	6	448 F.	1	78 F.	11	1025 F.	3	40 F.
Office help	....	87 O.	....	17 O.	....	205 O.	....	12 O.
Office help only	12	57	7	9	3	61	1	1
No female employees, not operating, etc.	7	....	....	....	1	....	....	....
Wage Sheets Collected	25	....	8	....	15	....	4	....
Total Number Employees	....	592	....	104	....	1,291	....	53

Order No. 38

JEWELLERY TRADE—RETURNS FOR NOVEMBER, 1936

	Toronto		Other Cities Over 50,000		Places Under 50,000	
	1935	1936	1935	1936	1935	1936
Number of firms reporting employees	19	22	4	4	10	10
Total number of female employees	146	187	16	15	144	165
Over 18 years	138	164	16	15	128	138
Under 18 years	8	23	——	——	16	27
Average hours worked per week (normally)	44	45	44	44.5	46.5	47
Hourly rate of wages:						
Under 12c	....	....	....	....	——	——
12c-16c	....	28	....	....	12	19
16c-18c	1	3	....	1	13	9
18c-20c	6	8	....	1	6	13
20c-22c	14	17	——	1	21	22
22c-24c	6	9	1	3	32	15
24c-26c	9	6	....	1	8	26
26c-28c	33	32	1	....	11	11
28c-36c	62	67	9	3	25	31
36c and up	15	17	5	5	16	19
	146	187	16	15	144	165
Number Reporting, 1936 only:	Employers	Employees	Employers	Employees	Employers	Employees
Factory help and	22	187 F.	4	15 F.	10	165 F.
Office help	....	75 O.	....	14 O.	....	54 O.
Office help only	11	47	7	21	2	2
No female employees, not operating, etc.	2	....	....	....	....	——
Total Number Employees	35	....	11	....	12	
Wage Sheets Collected	....	309	....	50	....	221

Order No. 39

PAPER TRADE—RETURNS FOR FEBRUARY, 1937

	Toronto		Other Cities Over 50,000		5,000 50,000		Under 5,000	
	1935	1936	1935	1936	1935	1936	1935	1936
Number of firms reporting employees	183	196	63	74	73	82	46	41
Total number female employees	2159	2494	978	974	652	682	235	228
Over 18 years	2016	2349	955	942	630	654	225	217
Under 18 years	143	145	23	32	22	28	10	11
Average hours worked per week (normally)	45	46	46	47	46	48	47	46
Hourly rate of wages:								
Under 12c	1	....	....	....	....	3	....	1
12c-16c	1	....	....	....	8	9	6	9
16c-18c	84	77	8	..16	5	5	3	6
18c-20c	47	53	33	27	15	20	8	7
20c-22c	55	74	40	34	40	43	33	30
22c-24c	81	83	56	53	172	168	20	13
24c-26c	90	93	273	277	130	98	43	16
26c-28c	396	476	148	222	87	70	29	34
28c-36c	1030	1244	350	297	146	208	88	93
36c and up	374	394	70	48	49	43	5	13
	2,159	2,494	978	974	652	682	235	228
Number Reporting, 1936 only:	Employers	Employees	Employers	Employees	Employers	Employees	Employers	Employees
Factory help and Office help	196	2494 F. 974 O.	74	974 F. 303 O.	82	682 F. 21 O.	41	228 F. 61 O.
Office help only	112	676	29	123	23	84	16	25
No female employees, not operating, etc.	19	....	....	....	8	....	10	....
Wage Sheets Collected	327	....	103	....	113	....	67	....
Total Number Employees	....	4,144	....	1,400	....	787	....	314

Order No. 41

MILLINERY TRADE—RETURNS FOR APRIL, 1936

	Toronto		Other Cities Over 50,000		4,000 - 50,000	
	1935	1936	1935	1936	1935	1936
Number of firms reporting employees	40	32	31	23	25	24
Total number of female employees	249	227	68	62	44	40
Over 18 years	246	222	66	62	43	40
Under 18 years	3	5	2	....	1	....
Average hours worked per week (normally)	47	46	48	47	49	48
Hourly rate of wages:						
Under 12c	3	3	1	....	3	2
12c-16c	4	5	2	1	2	2
16c-18c	5	6	1	....	....	....
18c-20c	4	7	3	1	1	2
20c-22c	5	6	....	1	1	1
22c-24c	4	2	1	....	8	3
24c-26c	4	2	10	14	3	5
26c-28c	12	17	21	8	6	3
28c-36c	93	80	21	25	10	12
36c and up	115	86	8	12	10	10
	249	227	68	62	44	40
Number Reporting, 1936 only:	Employers	Employees	Employers	Employees	Employers	Employees
Employees in the industry	32	227	23	62	24	40
No female employees, not operating, etc.	15	....	26	....	44	....
Wage Sheets Collected	47	....	49	....	68	....
Total Number Employees	....	227	....	62	....	40

Order No. 42

HAIRDRESSING AND BEAUTY PARLOURS—RETURNS FOR MAY, 1936

	Toronto		Other Cities Over 50,000		10,000 - 50,000	5,000 - 10,000
	1935	1936	1935	1936	1936	1936
Number of firms reporting employees	258	285	106	170	150	34
Total number of female employees	727	754	248	356	222	44
Over 18 years	712	740	248	356	222	44
Under 18 years	15	14	....	....	....	....
Average hours worked per week (normally)	48	45	47	48	50	50
Hourly rate of wages:						
Under 12c	16	5	4	2	16	5
12c-16c	21	28	10	21	12	2
16c-18c	16	14	8	5	8	....
18c-20c	13	19	5	8	11	4
20c-22c	23	19	4	6	21	5
22c-24c	14	7	7	6	22	4
24c-26c	11	18	49	105	33	8
26c-28c	240	260	36	35	21	4
28c-36c	224	222	81	110	44	6
36c and up	149	162	44	58	34	6
	727	754	248	356	222	44

Number Reporting, 1936 only:	Employers	Employees	Employers	Employees	Employers	Employees	Employers	Employees
Hairdressing and beauty parlour operators only	285	754	170	356	150	222	34	44
No female employees, not operating, etc.	111	....	176	....	13	....	10	....
Wage Sheets Collected	396	....	346	....	163	....	44	....
Total Number Employees	....	754	....	356	....	222	....	44

Order No. 47

SEASONAL CANNERS—RETURNS FOR OCTOBER, 1936

	5,000 - 50,000		2,000 - 5,000		Under 2,000	
	1935	1936	1935	1936	1935	1936
Number of firms reporting employees	13	10	20	21	49	54
Total number of female employees	914	808	1116	1395	2739	4286
Over 18 years	863	745	1048	1340	2569	4106
Under 18 years	51	63	68	55	170	180
Average hours worked per week (normally)	56	54	58	52	57	51
Hourly rate of wages:						
Under 12c	1	4	2	12	27	76
12c-16c	51	37	48	116	225	389
16c-18c	25	16	36	41	142	211
18c-20c	74	28	179	69	1309	2135
20c-22c	159	71	375	566	316	834
22c-24c	495	538	250	336	124	211
24c-26c	48	70	95	85	372	156
26c-28c	20	24	38	61	76	98
28c-36c	35	15	76	99	131	155
36c and up	6	5	17	10	17	21
	914	808	1116	1395	2739	4286
Number Reporting, 1936 only:	Employers	Employees	Employers	Employees	Employers	Employees
Factory help and	10	808 F.	21	1395 F.	54	4286 F.
Office help	....	21 O.	....	9 O.	....	28 O.
Office help only	3	10	....	....	....	....
No female employees, not operating, etc.	6	....	11	....	20	....
Wage Sheets Collected	19	....	32	....	74	....
Total Number Employees	....	839	....	1,404	....	4,314

APPENDIX II

MINIMUM WAGE BOARD

Order No. 27

HOTELS, RESTAURANTS AND REFRESHMENT ROOMS

Effective from May 23rd, 1936

(This Order replaces previous Orders No. 27 and No. 46)

POPULATION GROUPS	MINIMUM WAGES Regardless of Age or Experience
City of Toronto	26 cents per Hour
Ottawa, Hamilton, London, Windsor	25 cents per Hour
Cities, Towns, Villages and Unincorporated Urban Communities of from 10,000 to 50,000	22 cents per Hour
Cities, Towns, Villages and Unincorporated Urban Communities of from 4,000 to 10,000	20 cents per Hour

No female employee, or male when replacing a female, engaged in any class of work in an hotel, restaurant, or refreshment room, as defined below, in the Province of Ontario, excepting in places under 4,000 population, shall be paid wages less than those set forth in the following schedule:

(1) DEFINITIONS:

(a) "Hotel" shall mean and include any inn, tavern, public house, apartment hotel, or place of refreshment where lodgings are let, furnished or otherwise, and having sleeping accommodation of not less than six bedrooms.

(b) "Restaurant" shall mean and include any public eating place other than an hotel, in which full meals are provided or served to the public and shall also include any dining room in connection with a club, industrial or commercial establishment, office building, and any similar establishment.

(c) "Refreshment Room" shall mean and include any place or room other than an hotel or restaurant, in which meals or refreshments, such as ice-cream, light lunches and food or drink of any kind, are served to the public for consumption on the premises, and shall also include any place in which lunches or sandwiches are prepared and sold for consumption elsewhere.

(d) "Unincorporated Urban Community" shall mean and include any urbanized section or adjacent sections of a township or townships which is subdivided into building lots, in which the majority of the residents are engaged in pursuits other than agriculture, and which is not incorporated as a separate municipality, such as industrial areas and residential subdivisions on the outskirts of cities, residential and business areas in connection with mining developments, etc.

(e) "Application"—This order applies to all employees in the above defined institutions except office workers and laundry workers who are covered by separate orders.

(f) "Population"—For the purposes of this order, population shall mean, in the case of a town, city or village, the figure given in the latest decennial census of the Dominion Government; in the case of an unincorporated urban community, the latest figure obtainable from the township clerk or assessment commissioner.

(2) BOARD ALLOWANCES:

(a) An employer may deduct from the wages of an employee the cost of meals and lodging when provided in connection with the regular employment.

(b) In the City of Toronto, lodging shall not be charged for in excess of a rate of $2.00 per week; nor table board in excess of a rate of $5.00 per week; nor single meals in excess of 25c per meal. In the rest of the province, lodging shall not be charged for in excess of a rate of $1.50 per week;nor table board in excess of $4.50 per week; nor single meals in excess of 25c per meal. In no case shall the total charge for meals in any one week exceed the sum of $5.00 or $4.50 respectively as specified above.

(c) Charges for meals or room shall not be deducted from the earnings of an employee unless such employee actually receives the meals and occupies the room for which such deductions are made, except that such deductions may be permitted where the Minimum Wage Board is satisfied that the conditions of employment, as clearly understood by the employee, stipulated that a room with or without board was to be provided or that certain meals were to be eaten on the premises and the employee voluntarily chose to sleep or eat elsewhere when such rooms and meals were always available to the employee under suitable conditions.

(d) Workers shall not be charged for more than one meal in each three hours worked.

(3) UNIFORMS:

No deductions may be made from the rates fixed in this order for the use, purchase, or laundering of uniforms, aprons, caps or similar articles of apparel.

(4) WAITING TIME:

An employee required to wait on the premises shall be paid for all time thus spent.

(5) RECORDS: (Extracts from Regulations)

(a) Every employer shall keep a record, available at all times to any representatives of the Board, giving the names, residential addresses and dates of beginning and termination of employment of all employees.

(b) Every employer shall keep accurate records of the wages paid to each employee entered separately for each pay day and the actual hours of employment for which such wages were paid entered separately for each working day, whether employees are paid on the timework or piecework basis or otherwise. Such records shall be kept in a manner approved by the Board or a representative of the Board, and shall be available at all times for inspection by any representative of the Board.

(6) PENALTIES: (See Section 21 of the Minimum Wage Act)

Any violation of this Order is punishable by fine or imprisonment.

NOTICE: THIS ORDER MUST BE POSTED WHERE IT CAN BE EASILY READ BY THE EMPLOYEES.

MINIMUM WAGE BOARD,
A. W. CRAWFORD, Chairman
MARGARET STEPHEN
PATTERSON FARMER.

APPENDIX III

MINIMUM WAGE BOARD

Order No. 42

HAIRDRESSING, MANICURING AND BEAUTY CULTURE

Effective from October 1, 1936
(This Order replaces previous Orders Nos. 42 and 44)

No female employee, or male when replacing a female, in beauty parlours, hairdressing or manicuring establishments, or in other establishments or places of business where the same type of work is performed, in the Province of Ontario, excepting in places under 5,000 population, shall be paid wages less than those set forth in the following schedule.

POPULATION GROUPS	INDENTURED APPRENTICES Minimum rates fixed under Apprenticeship Act	ALL OTHER EMPLOYEES Minimum rates fixed under the Minimum Wage Act
A. City of Toronto	First 3 months......Nil Second 3 months......$ 5.00 per week Second 6 months......$ 7.00 per week Third 6 months......$ 9.00 per week Fourth 6 months......$10.50 per week Thereafter ......$12.50 per week	$12.50 per week
B. Ottawa, Hamilton, London, Windsor	First 3 months......Nil Second 3 months......$ 5.00 per week Second 6 months......$ 7.00 per week Third 6 months......$ 9.00 per week Fourth 6 months......$10.50 per week Thereafter ......$12.00 per week	$12.00 per week
Minimum rates in groups A and B are for a maximum of 48 hours per week, or for the usual number of hours normally worked per week in the establishment if less than 48.		
C. Cities, Towns, Villages, and Unincorporated Urban Communities of from 10,000 to 50,000	First 3 months......Nil Second 3 months......$ 4.00 per week Second 6 months......$ 6.00 per week Third 6 months......$ 7.50 per week Fourth 6 months......$ 9.00 per week Thereafter ......$11.00 per week	$11.00 per week
Minimum rates in group C are for a maximum of 50 hours per week, or for the usual number of hours normally worked per week in the establishment if less than 50.		
D. Cities, Towns, Villages, and Unincorporated Urban Communities of from 5,000 to 10,000	First 3 months......Nil Second 3 months......$ 4.00 per week Second 6 months......$ 6.00 per week Third 6 months......$ 7.50 per week Fourth 6 months......$ 9.00 per week Thereafter ......$10.00 per week	$10.00 per week
Minimum rates in group D are for a maximum of 54 hours per week, or for the usual number of hours normally worked per week in the establishment if less than 54.		

(1) APPLICATION: This Order governs the wages of all female employees throughout the Province who are engaged in the hairdressing or beauty culture business, that is to say in performing such operations on patrons or customers who pay for services rendered. The rates indicated for indentured apprentices are the minimum rates approved by the Ontario Apprenticeship Board for apprentices indentured under the Apprenticeship Act. Every employee who is not indentured under the Apprenticeship Act must receive the full minimum rates of pay as set forth above under the heading "All other employees."

(2) DEFINITIONS: (a) "Unincorporated Urban Community" shall mean and include any urbanized section or adjacent sections of a township or townships which is subdivided into building lots, in which the majority of the residents are engaged in pursuits other than agriculture, and which is not incorporated as a separate municipality, such as industrial areas and residential sub-divisions on the outskirts of cities, residential and business areas in connection with mining developments, etc.
(b) "Population" is the population according to the latest decennial census of the Dominion Government.

(3) PART-TIME AND OCCASIONAL WORKERS: Employees who are engaged for busy periods only, or as substitutes for regular workers, and those who work for less than the full daily or weekly work period prevailing in the shop or establishment, must be paid at minimum rates equivalent to the above rates, the hourly rate being determined by dividing the weekly wage by the number of hours regularly worked per week in the establishment concerned, or by the maximum weekly work period as indicated above, whichever is the smaller figure.

(4) OVERTIME: Overtime must be paid for at proportionate rates determined as outlined in the preceeding paragraph.

(5) DEDUCTION FOR ABSENCE: No deduction from wages for absence from work which brings the wage below the minimum rates prescribed above shall exceed the value of the time lost, reckoned on an hourly basis as set forth in Clause 3.

(6) COMMISSION EARNINGS: The weekly earnings of an employee working on a commission basis or guaranteed rate plus commission or bonus, must not fall below the prescribed minimum rate as set forth in the schedule.

(7) WAITING PERIOD: An employee required to wait on the premises of the employer between appointments, shall be paid for all time thus spent.

(8) RECORDS (Abstract from Regulations): (a) Every employer shall keep a continuous and complete record, available at all times to any representative of the Board, giving the names, residential addresses and dates of beginning and termination of employment of all employees, and where special minimum rates of wages are provided for employees under eighteen years of age, he shall keep a separate record, giving the ages and dates of birth of all such employees.

(b) Every employer shall keep accurate records of the wages paid to each employee entered separately for each pay day and the actual hours of employment for which such wages were paid entered separately for each working day, whether employees are paid on the timework or piecework basis, or otherwise. Such records shall be kept in a manner approved by the Board or a representative of the Board, and shall be available at all times for inspection by any representative of the Board.

(9) PENALTIES (See Section 21 of the Act): Any violation of this Order is punishable by fine or imprisonment.

NOTICE: THIS ORDER MUST BE POSTED WHERE IT CAN BE EASILY READ BY THE EMPLOYEES.

MINIMUM WAGE BOARD,

A. W. CRAWFORD, Chairman
MARGARET STEPHEN
PATTERSON FARMER.

APPENDIX IV

MINIMUM WAGE BOARD

Order No. 6

RETAIL STORES

Effective from November 1, 1936

(This Order replaces previous Orders Nos. 3, 6, 10 and 29)

No female employee, or male when replacing a female, in a Retail Store in the Province of Ontario, as defined below, shall be paid wages less than those set forth in the following schedule:

Population Groups	Experienced Employees	Inexperienced Employees (Over 18 years)	Inexperienced Employees (under 18 years) (See explanation below—3B)
A. City of Toronto	$12.50 per week	6 mos.......$10.00 per week 6 mos.......$11.00 per week Then ....$12.50 per week	6 mos.......$8.00 per week (16 years & under) 6 mos.......$9.00 per week (17 years) Then the rates for inexperienced adults.
B. Ottawa, Hamilton, London, Windsor	$12.00 per week	6 mos.......$10.00 per week 6 mos.......$11.00 per week Then ....$12.00 per week	6 mos.......$8.00 per week (16 years & under) 6 mos.......$9.00 per week (17 years) Then the rates for inexperienced adults.

Minimum rates in groups A and B are for a maximum of 48 hours per week, or for the usual number of hours normally worked per week in the establishment if less than 48.

An employee reaching the age of eighteen years without experience in selling goods may be paid at a minimum wage rate of not less than $11.00 per week during the first six months as a saleswoman, at the end of which six months she shall receive the full minimum.

C. Cities, Towns, Villages and Unincorporated Urban Communities of from 10,000 to 50,000.	$11.00 per week	6 mos.......$ 9.00 per week 6 mos.......$10.00 per week Then ....$11.00 per week	6 mos.......$7.00 per week (16 years & under) 6 mos.......$8.00 per week (17 years) Then the rates for inexperienced adults.

Minimum rates in group C are for a maximum of 50 hours per week, or for the usual number or hours normally worked per week in the establishment if less than 50.

D. Cities, Towns, Villages and Unincorporated Urban Communities of from 4,000 to 10,000	$10.00 per week	6 mos.......$ 8.00 per week 6 mos.......$ 9.00 per week Then ......$10.00 per week	6 mos.......$6.00 per week (16 years & under) 6 mos.......$7.00 per week Then the rates for inexperienced adults (17 years)
E. Towns, Villages and Unincorporated Urban Communities of from 1,000 to 4,000	$9.00 per week	ALL INEXPERIENCED 6 months at..........$6.00 per week 6 months at..........$7.00 per week 6 months at..........$8.00 per week Then ....$9.00 per week	
F. All places below 1,000	$8.00 per week	ALL INEXPERIENCED 6 months at..........$6.00 per week 6 months at..........$7.00 per week Then ....$8.00 per week	

Minimum rates in groups D, E and F are for a maximum of 54 hours per week, or for the usual number of hours normally worked per week in the establishment if less than 54.

(1) APPLICATION: This Order governs the wages of all female employees in retail stores as defined herein, including the selling force, stock room employees, cashiers, parcellers, messengers and any employees performing special duties or employed by concessionaires, but not including office workers, restaurant employees, and any other employees who are covered by separate Orders.

(2) DEFINITIONS: (a) "Retail Store" means any establishment which sells goods or merchandise of any kind direct to consumers, and for the purpose of this order. includes exhibition display and advertising booths except those located at the factory or manufacturing plant.

(b) "Unincorporated Urban Community" shall mean and include any urbanized section or adjacent sections of a township or townships which is subdivided into building lots, in which the majority of the residents are engaged in pursuits other than agriculture, and which is not incorporated as a separate municipality, such as industrial areas and residential sub-divisions on the outskirts of cities, residential and business areas in connection with mining developments, etc.

(c) "Population" is the population according to the latest decennial census of the Dominion Government.

(3) EXPERIENCE: (a) "An Experienced Employee" is an employee, over 18 years of age, who has been employed by one or more employers for a period of one year or more in any branch of work covered by this Order.

Employees transferred from one branch of work to another may not have their wages reduced because of inexperience in the new work, without the approval of the Board.

(b) "Inexperienced Employees Under 18": Only girls without any previous experience in retail stores, who commence employment before their seventeenth birthday may be paid at the rates prescribed for the first six

months (16 years), in places of over 4,000 population. They must be increased to at least the rates prescribed for the second six months' period (17 years) after six months' employment and in a further six months, they become subject to the rates prescribed for inexperienced adults.
Girls commencing between their seventeenth and eighteenth birthday in places over 4,000 population must be paid not less than the rates prescribed for the second six months (17 years) and after six months' employment be subject to the rates for inexperienced adults.

(4) COMMISSION EARNINGS: The weekly earnings of an employee working on a commission basis or guaranteed rate plus commission or bonus, must not fall below the prescribed minimum rate as set forth in the schedule.

(5) PART-TIME AND SHORT-TIME WORK: Employees who are engaged for busy periods only or as substitutes for regular workers and who regularly work not more than ten hours per week, must be paid at the hourly rates which are not less than the full minimum hourly rates for experienced employees, regardless of age or length of employment. Regular full-time employees, when on short time, and part-time employees who regularly work for more than ten hours per week, may be paid on an hourly basis at rates equivalent to the weekly rates prescribed above, the hourly rate being determined by dividing the weekly wage by the normal weekly work period for female employees, or by the maximum weekly work period, as indicated above, whichever is the smaller figure. A part-time employee shall be entitled to the increases in pay as scheduled above, after the same manner and after the same lapses of time, as a full time employee, provided she works regularly more than ten hours per week.

(6) OVERTIME: Overtime must be paid for at proportionate hourly rates determined as outlined in the preceding paragraph.

(7) DEDUCTIONS FOR ABSENCE: No deduction below the minimum wage line for absence shall exceed the value of the time lost, reckoned on an hourly basis determined by dividing the weekly wages by the normal weekly work period for female employees.

(8) MAXIMUM OF INEXPERIENCED EMPLOYEES: The total number of employees paid as inexperienced shall not exceed forty per cent. (40%) of the total female working force, except where there are less than four employees.

(9) RECORDS (Abstract from Regulations): (a) Every employer shall keep a continuous and a complete record, available at all times to any representative of the Board, giving the names, residential addresses and dates of beginning and termination of employment of all employees, and where special minimum rates of wages are provided for employees under eighteen years of age, he shall keep a separate record, giving the ages and dates of birth of all such employees.

(b) Every employer shall keep accurate records of the wages paid to each employee entered separately for each pay day and the actual hours of employment for which such wages were paid entered separately for each working day, whether employees are paid on the timework or piecework basis, or otherwise. Such records shall be kept in a manner approved by the Board or a representative of the Board, and shall be available at all times for inspection by any representative of the Board.

(10) PENALTIES (See Section 21 of the Act): Any violation of this Order is punishable by fine or imprisonment.

NOTICE: THIS ORDER MUST BE POSTED WHERE IT CAN BE EASILY READ BY THE EMPLOYEES.

MINIMUM WAGE BOARD,

A. W. CRAWFORD, Chairman
MARGARET STEPHEN
PATTERSON FARMER.

APPENDIX V

MINIMUM WAGE BOARD

Order No. 31

PUBLIC NOTICE IS HEREBY GIVEN that, in pursuance of The Minimum Wage Act, R.S.O. 1927, Chapter 277, Sections 18 and 19, the following order establishing minimum rates of wages for female employees of any Laundry, Cleaning and Pressing Parlour, Dry-Cleaning Establishment or Dye Works, in the Province of Ontario, shall become effective on and after February 1st, 1937. This order supersedes previous Order No. 31.

No female employee, or male when replacing a female, of any Laundry, Cleaning and Pressing Parlour, Dry-Cleaning Establishment or Dye Works, in the Province of Ontario, shall be paid wages less than those set forth in the following schedule:

Population Groups or Zones	Experienced Employees	Inexperienced Employees
A. City of Toronto	$12.50 per week	3 months at $ 9.00 per week 3 months at 10.00 per week 3 months at 11.00 per week Then 12.50 per week
B. Cities of Ottawa, Hamilton, London, Windsor	$12.00 per week	3 months at $ 9.00 per week 3 months at 10.00 per week 3 months at 11.00 per week Then 12.00 per week
C. Remainder of Province	$11.00 per week	3 months at $ 8.00 per week 3 months at 9.00 per week 3 months at 10.00 per week Then 11.00 per week

These wages must be paid for a work period of not more than forty-eight (48) hours in any one week, or for the regular weekly work period in the establishment if less than forty-eight hours.

1. APPLICATION: This Order fixes minimum wages for female employees, and males when replacing females, of any establishment or separate department of any establishment, where the bulk of the work performed consists of any type of laundering, cleaning, pressing, or dyeing. Without limiting the scope of the foregoing statement, the Order covers all employees of home laundries, steam laundries, hand laundries, cleaning and pressing parlours, dye works, and dry cleaning establishments, whether conducted as separate establishments or as separate departments in connection with other businesses or such institutions as hospitals, hotels and colleges, except those employees engaged for office work, including telephone solicitation, and those who are employed solely in the receiving room, which employees are covered by the Office Order.

2. EXPERIENCED EMPLOYEES: Any employee who has been employed by one or more employers for a total period of nine (9) months or more in any branch of work covered by this Order, shall be paid as an experienced employee.

When such employee is transferred from one department or branch of the work to another or is re-employed after having been engaged in other work for a number of years, she shall still be regarded as an experienced employee and must be paid as such. In special cases of this nature the Board may grant permission to pay a lesser rate during a brief adjustment period.

3. MAXIMUM OF INEXPERIENCED EMPLOYEES: The total number of workers paid as inexperienced employees in any establishment shall at no time exceed forty per cent. (40%) of the total female working force, except where there are less than five employees, in which case there shall at no time be more than two workers paid less than the rate of experienced employees.

4. PIECEWORKERS: Where employees are paid on a piecework basis, all inexperienced employees during the first three months of their employment in the industry must be paid not less than the wage rates fixed by this Order regardless of the amount earned in accordance with the established piecework rates.

   In the case of pieceworkers with more than three months' experience, the Board will accept the piecework rates as being equivalent to the weekly rates set forth in the schedule provided at least eighty per cent. (80%) of the pieceworkers engaged in any operation or in any separate department of the work actually earn, on the basis of the established piecework rates, weekly or hourly wages for each pay period which are not less than the wages prescribed by the schedule. The twenty per cent. (20) or less of such employees who fail to earn the minimum wage shall be regarded as handicapped workers for whom permits are unnecessary.

   The preceeding paragraph applies only where four or more pieceworkers are engaged on the same operation or in any separate department or division of the work. Where less than four workers are thus engaged each pieceworker must be paid the full minimum wage according to the schedule.

5. HANDICAPPED WORKERS: Upon receipt of a written application on a form supplied by the Board, which must be signed by both employer and employee, a permit may be granted by the Board authorizing the payment of a lesser rate to any worker who because of a physical or mental handicap, or because of age, is unable to earn the prescribed wage rates.

6. PART-TIME AND SHORT-TIME WORK: Employees egaged for part-time only, and regular employees when working on short-time, may be paid on an hourly basis at rates equivalent to the weekly rates prescribed above, to be determined by dividing the weekly wage by 48 or by the regular weekly work period in the establishment if less than 48 hours.

7. OVERTIME: All time worked by an employee in excess of forty-eight (48) hours in any week shall be paid for in excess of the prescribed weekly wage at a rate of not less than the regular wage rate as determined for part-time work.

8. WAITING TIME: All time during which an employee is required to wait for work on premises of the employer shall be counted as working time and shall be paid for at the regular wage rate as determined for part-time work.

9. LOST TIME: No deduction for absence which brings the wage of an employee below the minimum prescribed by the schedule shall exceed the value of the time lost reckoned at the rate as determined for part-time work.

MINIMUM WAGE BOARD.
A. W. CRAWFORD, Chairman
MARGARET STEPHEN
PATTERSON FARMER.

APPENDIX VI

THE MINIMUM WAGE ACT, 1937

Assented to March 25th, 1937

Session Prorogued March 25th, 1937

HIS MAJESTY, by and with the advice and consent of the Legislative Assembly of the Province of Ontario, enacts as follows:

1. This Act may be cited as The Minimum Wage Act, 1937.

Short title.

2. In this Act,—

Interpretation.

(a) "Board" shall mean the Industry and Labour Board established under The Department of Labour Act;

"Board."
Rev. Stat., c. 62.

(b) "Employee" shall include every person who performs work in any business, trade, work, undertaking or occupation for wages or with the hope or expectation of receiving wages either directly from his employer or indirectly through another person;

"Employee."

(c) "Employer" shall include every person who as the owner, proprietor, manager, superintendent or overseer of any business, trade, work or undertaking employs or permits any person to work in such business, trade, work or undertaking;

"Employer."

(d) "Wage" or "wages" shall include any form of remuneration for labour performed.

"Wage."

3. The board may arrange for a conference between employers and employees or their representatives in any business, trade, work, undertaking or occpation for the purpose of obtaining information as to the prevailing rates of wages and conditions of employment and may accept recommendations from such conference with respect to any matters which may be dealt with by an order of the board.

Conferences.

4. The board shall have authority to establish minimum rates of wages for all employees and generally to enact such provisions with respect to conditions of employment as may be deemed necessary for the betterment of the physical, moral and intellectual well-being of employees, and without restricting the generality of the foregoing the board may make orders and by means of such orders may,—

Board may establish minimum rates of wages, etc.

(a) designate or define any business, trade, work or undertaking or the part or parts thereof to which the order is applicable;

Designation of business.

(b) designate or define the zone or zones within the province in which any order or part thereof is applicable;

Zoning.

(c) classify employees and separately provide for any one or more classifications with respect to any matter over which the board has authority;

Classification of employees.

Minimum weekly wage.

(d) establish a minimum wage for the prevailing weekly work period in the business of any employer or for any other regular working period which the board may establish;

Maximum hours of labour.

(e) establish the maximum number of hours of labour which may regularly be worked in the business of any employer with respect to any minimum wage established;

Overtime wages.

(f) establish minimum hourly rates of wages for overtime work, provided that such hourly rates shall not be less than one-fortieth of the weekly minimum wage;

Short time wages.

(g) establish minimum hourly rates of wages for employees who regularly work less than forty hours per week, provided that such hourly rate shall not be less than one-fortieth of the weekly minimum wage;

Trade terms.

(h) define any term used in any order;

Special payments.

(i) establish a special method of payment for any classification of employees;

Wage deductions.

(j) specify when and under what conditions deductions may be made from the minimum wage established for time lost by employees through illness, holidays, absence from duty or for any other reason and also for special privileges or perquisites resulting from the nature of the work performed.

Maximum hours of labour.

5. The maximum number of hours of labour with respect to which a minimum weekly wage is established shall not exceed,—

(a) 48 hours in a municiptlity having a population of more than 50,000;

(b) 50 hours in a municipality having a population of from 10,000 to 50,000;

(c) 54 hours in any other municipality, or in any locality which is not a municipality.

Amendment of orders.

6 The board may temporarily suspend or vary any order previously made to conform to special conditions in any business without making a new order and may also, by a new order, suspend, alter, revise and consolidate any order previously made by the board or heretofore made by the Minimum Wage Board.

Publication of orders.

7. Every order of the board shall be published in The Ontario Gazette and shall be effective from the date named in the order, or if no date is named, from the date of such publication.

Statutory agreement for minimum wage.

8. Every employer who permits any employee to perform any work with respect to which a minimum wage has been established shall be deemed to have agreed to pay such employee at least the minimum wage established and such minimum wage shall be paid to such employee only by cash or by cheque payable at par at the place where the employee performed such work.

9. It shall not be competent for an employee to agree to waive or to forego any provisions of this Act or of any order made by the board, nor shall it be competent for any employer to enter into any agreement, arrangement or understanding with an employee or with any other person which results in the whole or any part of the wages paid to an employee or to the board on behalf of an employee being returned to or accepted by the employer, either directly or indirectly, and every such agreement, arrangement and understanding shall be void.

Employees may not waive the statute.

10. Every employer who discharges or threatens to discharge or in any way discriminate against an employee who,—

Intimidation of employees.

(a) has testified or is about to testify in any proceeding or investigation had or taken under the provisions of this Act;

(b) has given any information to the board regarding the wages payable to such employee or his fellow-workers in any plant;

(c) has initiated or taken part in any proceeding had or taken for the purpose of assisting the board to establish a minimum wage;

shall be guilty of an offence and shall be liable on summary conviction to a fine of not less than $50.

11. Every employer affected by the provision of an order which establishes minimum wages or maximum hours of labour shall post and keep posted a copy thereof in a conspicuous place where his employees are engaged in their duties.

Orders to be posted.

12. Every employer shall keep complete, continuous and accurate records setting forth the names, addresses, rates of wages, hours worked, actual earnings of each employee and the age of each employee under eighteen years and such records shall be available at all reasonable times for inspection and examination by any member of the board and by any inspector of the Department of Labour and every employer shall supply such information and make such returns from time to time as the board may require, and every employer who fails to keep such records and supply such information and make such returns shall be guilty of an offence.

Employers records.

13. Every employer who makes or causes to be made false or misleading entries in any of the records which he is required to keep by this Act or the regulations or of any order of the board or who supplies or causes to be supplied false or misleading information to the board shall be guilty of an offence and shall incur a penalty upon summary conviction of not less than $100 and for a second and any subsequent offence may also be imprisoned for a period not exceeding six months.

False records.

Penalty.

14. Every employer who contravenes the provisions of any order with respect to wages or hours of work shall be guilty of an offence and shall be liable on summary conviction to a fine of not less than

Offences and penalties.

$25 for each employee affected and in default of payment to imprisonment for a period not exceeding six months and for a second and any subsequent offence shall be liable to a fine of not less than $50 for each employee affected and in default of payment to imprisonment for a period not exceeding one year; and in every case upon conviction shall be ordered to pay to the board on behalf of the employees affected the difference between the wages actually paid and those established by the board, and in determining the amount of such arrears if the court finds that the employer has not kept accurate records as required by this Act the employees in question shall conclusively be presumed to have been employed for the maximum number of hours per week permitted and to be entitled to the full weekly wage for the total period of their employment.

Offences and penalties.

15. Every employer who contravenes any provision of this Act or of the regulations or of any order of the board for which no other penalty is provided herein shall be guilty of an offence and shall be liable on summary conviction to a fine of not less than $10.

Agreements as to arrears of wages.

16.—(1) The board may approve an agreement in writing between an employer and an employee providing for the payment in instalments of any wages owing by the employer under the provisions of any order.

What deemed to be violation of order.

(2) Where such agreement has been approved the failure by the employer to carry out the terms of such agreement shall be deemed to be a violation of the order affecting such employer and employee as of the date of the breach of the said agreement.

Exception as to certain domestics and farm labourers.

17. The provisions of this Act shall not apply to employees engaged as servants in any private residence nor while engaged in farming operations.

Repeal.

18. The Minimum Wage Act, as amended by The Statute Law Amendment Act, 1929, The Minimum Wage Act, 1932, The Statute Law Amendment Act, 1933, The Minimum Wage Act, 1934, and The Minimum Wage Amendment Act, 1936, is and the said amendments are repealed.

Commencement of Act.

19. This Act shall come into force on the day upon which it receives the Royal Assent.

APPENDIX

INDUSRIAL DISPUTES IN ONTARIO, FISCAL YEAR 1937

(From figures published in Labour Gazette)

Industries	Number of disputes in progress	Number of persons involved	Aggregate duration in working days
Manufacturing—			
Boots and shoes	3	336	4,550
Fur and leather	6	704	3,189
Metal products	7	932	4,030
Non-metallic minerals	2	591	3,150
Pulp and paper	1	43	215
Rubber	1	550	2,750
Textiles, clothing	13	3,292	76,374
Tobacco	2	246	1,710
Vegetable foods	6	384	651
Miscellaneous wood products	10	2,131	9,880
Construction—			
Buildings	3	53	414
Other	1	13	85
Transportation and public utilities—			
Water	5	775	2,555
Storage	1	22	22
Logging	4	2,695	30,682
Service—			
Business	13	484	8,672
Totals	78	13,251	148,929
" —1936	50	9,120	78,511
" —1934	94	18,198	256,311
" —1933	39	7,380	109,240
" —1932	26	2,432	50,401
" —1931	18	2,827	66,268
" —1930	21	4,315	50,513
" —1929	43	5,172	75,870
" —1928	52	5,622	59,889
" —1927	25	4,403	56,695
" —1926	17	1,839	46,402
" —1925	21	2,499	27,477
" —1924	19	3,943	95,196
" —1923	16	1,946	198,319
" —1922	23	2,712	367,893
" —1921	53	10,800	521,210

INDUSRIAL DISPUTES IN ONTARIO, FISCAL YEAR 1937

Locality	Occupation	Commenced	Particulars	Number of employees involved	Time Loss in working days
Blind River	Loggers	March 31 1936	For payment of wages due; terminated April 1, 1936; in favour of workers.	140	140
London	Shoe factory workers	Mar. 12	For increased wages and closed union shop agreement; terminated April 18, compromise.	200	3,000
Toronto	Leather factory workers (handbags, etc.)	Mar. 17	For union recognition and increased wages; terminated April 8, compromise.	275	1,975
Toronto	Fur collar and cuff workers	Mar. 23	For reduction in hours (forty-hour week); lapsed during April; in favour of employer.	50	500
Toronto	Truck drivers	Mar. 31	Against discharge of workers and for increased wages; lapsed by end of June,; in favour of employer.	35	1,011
Toronto	Bakery drivers	April 9	For increased wages and union recognition; terminated April 11; compromise.	60	120
Brockville	Men's felt hat factory workers	April 6	Against reduction in wages; terminated April 18; compromise.	51	561
Toronto	Furniture factory workers	April 4	Alleged violation of agreement; terminated April 6;in favour of workers.	20	40
Brantford	Moulders	April 1	Against reduction in wages; terminated April 8; in favour of workers.	165	1,155
Toronto	Restaurant employees	April 1	For union agreement with increased wages and reduced hours; terminated April 1; in favour of workers.	11	11
Toronto	Restaurant employees (kitchen help)	April 7	For union agreement with increased wages and reduced hours; terminated April 23; in favour of workers.	7	98
Toronto	Wood workers (interior fittings)	April 29	For increased wages and recognition of union; terminated May 1; compromise.	40	40

INDUSTRIAL DISPUTES IN ONTARIO, FISCAL YEAR 1937—Continued

Locality	Occupation	Commenced	Particulars	Number of employees involved	Time Loss in working days
Toronto	Longshoremen	May 16	For renewal of agreement with retro-active increase in wages; terminated May 16; compromise.	400	400
Toronto	Restaurant employees	May 1	For reinstatement of workers discharged for union activity; working conditions no longer affected by end of September; in favour of employer.	50	3,730
Toronto	Laundry employees (drivers & pressers)	May 18	Against discharge of worker; employment conditions no longer affected by May 31; in favour of employer.	65	500
Toronto	Fur factory workers	June 10	Alleged violation of agreement re wage rates; terminated June 15; in favour of employer.	40	200
Toronto	Shoe factory workers	June 4	Against discharge of worker; terminated June 6; in favour of workers.	75	150
Toronto	Cloakmakers	June 15	Alleged lockout; re continuing operations under union agreement; terminated by June 30; indefinite.	20	260
Toronto	Carpenters	June 9	For employment of members of one union only; terminated June 12; in favour of workers.	7	24
Windsor	Longshoremen	June 24	For increased wages and improved conditions; terminated June 24; compromise.	45	25
Listowel	Furniture factory workers	July 21	Re classification of employees affecting wage rates; terminated July 21; in favour of workers.	90	90
Toronto	Automobile mechanics	July 28	For union agreement with increased wages and reduced hours; lapsed by August 31; in favour of employer.	150	1,112
Toronto	Clothing factory workers	July 27	For union wage and working conditions; terminated August 8; in favour of workers.	10	70

INDUSTRIAL DISPUTES IN ONTARIO, FISCAL YEAR 1937—Continued

Locality	Occupation	Commenced	Particulars	Number of employees involved	Time Loss in working days
Toronto	Bakery workers	Aug. 22	For increased wages; terminated August 22; in favour of workers.	60	60
Cornwall	Textile factory workers (artificial silk)	Aug. 11	For recognition of union and increased wages; terminated September 4; compromise.	1,753	37,000
Strathroy	Furniture factory workers	Aug. 26	Against discharge of workers alleged to be for union activity; terminated August 28; compromise.	125	300
Hamilton	Glass factory workers	Aug. 19	For recognition of union and increased wages; terminated August 26; in favour of employer.	535	3,000
Wallaceburg	Glass factory workers	Aug. 20	In sympathy with glass factory workers on strike in Hamilton; terminated August 26; in favour of employer.	56	150
Toronto	Building wreckers	Aug. 14	For closed shop union agreement; terminated August 26; in favour of workers.	28	300
Toronto	Grain shovellers	Aug. 9	For union recognition; terminated August 9; in favour of employer.	22	22
Toronto	Beverage dispensers	Aug. 1 and later	For union wages and working conditions; terminated August 26; in favour of workers.	50	300
Toronto	Restaurant employees	Aug. 29	For union recognition, increased wages and reduced hours; lapsed by September 30; in favour of employer.	8	170
Toronto	Fur factory workers	Aug. 19	For union agreement, increased wages and reduced hours; terminated September 9; in favour of workers.	32	150
Belle River	Cannery employees (fruits and vegetables)	Sept. 15	For increased wages; terminated September 15; in favour of workers.	86	86
Essex	Cannery employees (fruits and vegetables)	Sept. 17	For increased wages; terminated September 17; in favour of workers.	150	75

INDUSTRIAL DISPUTES IN ONTARIO, FISCAL YEAR 1937—Continued

Locality	Occupation	Commenced	Particulars	Number of employees involved	Time Loss in working days
Walkerville	Bag factory workers (cotton & burlap)	Sept. 28	For increased wages and reduced hours; terminated November 21; partially successful.	41	1,823
Toronto	Wood factory workers (furniture)	Sept. 24	For increased wages; terminated September 28; compromise.	15	60
Hamilton	Longshoremen	Sept. 5	For increased wages and recognition of union; terminated September 12; in favour of workers.	150	1,000
Port Stanley	Stevedores	Sept. 7	For increased wages; terminated September 12; in favour of workers.	30	30
Toronto	Leather workers (purses)	Oct. 5	For arbitration re increased wages; terminated October 6; in favour of workers.	250	250
Toronto	Women's clothing factory workers (dressmakers)	Oct. 2	For wage increase (piece rates); terminated October 2; in favour of workers.	30	30
Wingham	Wood factory workers	Oct. 14	For recognition of union and increased wages; terminated October 20, in favour of workers.	20	102
Listowel	Furniture factory workers	Oct. 20	For change in working conditions; terminated October 20; in favour of workers.	120	60
Windsor	Hotel employees	Oct. 8	For increased wages and reduced hours; terminated November 12; partially successful.	34	1,014
Toronto	Window cleaners	Oct. 27	For union agreement; terminated October 31; in favour of workers.	46	230
Hamilton	Bakery employees	Nov. 9	Alleged discrimination against union worker re observation of statutory hours; terminated November 12; compromise.	6	24
Toronto	Women's clothing factory workers (cloak and suits)	Nov. 4	Against contracting out work; lapsed by end of November; indefinite.	25	100

INDUSTRIAL DISPUTES IN ONTARIO, FISCAL YEAR 1937—Continued

Locality	Occupation	Commenced	Particulars	Number of employees involved	Time Loss in working days
Toronto	Men's clothing factory workers	Nov. 11	Against discharge of worker; terminated November 11; in favour of workers.	60	30
Owen Sound	Furniture factory workers	Nov. 5	For increased wages and recognition of union; terminated November 5; compromise.	116	60
Listowel	Furniture factory workers	Nov. 30	To maintain equal division of work; terminated December 1; compromise.	85	128
Point Edward	Longshoremen	Nov. 30	For increased wages; lapsed by December 11, in favour of employer.	150	1,100
Hamilton	Restaurant employees	Nov. 12	Against discharge of worker; terminated December 8; in favour of employer.	15	282
Hamilton	Pulpwood cutters	Dec. 5	For increased wage rates and reduction in rate of board; terminated December 9; in favour of workers.	80	280
Upsala	Cotton factory workers	Dec. 5	For increase in wages; terminated December 8; compromise.	300	900
Welland	Cotton factory workers	Dec. 22	For increased wages; terminated February 11; compromise.	865	34,988
Windsor	Wheel factory workers	Dec. 16	For recognition of union; increase in wages and against dismissal of workers; terminated December 29; compromise.	140	800
Niagara Falls	Chain factory workers	Dec. 15	Against dismissal of workers and for union recognition; terminated December 19; in favour of employer.	37	185
Flanders	Loggers	Jan. 7, 1937	For increased wages, reduced hours and recognition of union; terminated January 22, 1937; compromise.	2,300	30,000
Toronto	Shoe factory workers	Jan. 14	Re employment of new machines; employment conditions no longer affected by end of February; in favour of employer.	61	1,400

INDUSTRIAL DISPUTES IN ONTARIO, FISCAL YEAR 1937—Continued

Locality	Occupation	Commenced	Particulars	Number of employees involved	Time Loss in working days
Toronto	Silk knitting factory workers (dyers)	Jan. 13	Against discharge of worker and reduced hours; terminated January 18; compromise.	12	60
Brantford	Foundry workers	Jan. 30	Alleged lockout; re recognition of union; terminated February 6; compromise.	100	700
Bolton	Labourers (waterworks)	Jan. 12	For increased wage rates; terminated January 19; compromise.	13	85
Iroquois Falls	Paper mill workers	Feb. 15	Against employment of non-union inspector; terminated February 19; in favour of employer.	43	215
Oshawa	Automobile factory workers (body workers)	Feb. 19	Against increase in output; terminated February 19; in favour of employer.	240	240
Chatham	Building wreckers	Feb. 11	For increased wages; terminated February 16; in favour of employer.	18	90
Toronto	Restaurant employees	Feb. 1	Alleged lockout; re violation of agreement; employment conditions no longer affected by end of February; in favour of employer.	5	30
Flanders	Loggers	Mar. 4	Against discharge of workers, alleged to be for union activity; terminated March 5; partially successful.	175	262
Toronto	Bakers	Mar. 1	Against dismissal of workers, alleged to be for union activity, for union recognition, increased wages and reduced hours; terminated March 15; compromise.	22	286
Kingsville	Tobacco workers	Mar. 10	For increased wage rates on change of material; terminated March 10; compromise.	90	10
Kingsville	Tobacco workers	Mar. 18	For adjustment of piece rates; unterminated at end of fiscal year.	156	1,700

INDUSTRIAL DISPUTES IN ONTARIO, FISCAL YEAR 1937—Continued

Locality	Occupation	Commenced	Particulars	Number of employees involved	Time Loss in working days
Kitchener	Rubber factory workers	Mar. 24	For increased wages, reduced hours and recognition of union; unterminated at end of fiscal year.	550	2,750
Owen Sound	Tannery workers	Mar. 20	For increased wages; terminated March 22; compromise.	57	114
Peterborough	Carpet weavers and setters	Mar. 20	For increased wages; terminated March 27; compromise.	95	522
Welland	Cotton factory workers	Mar. 30	Against alleged discrimination; terminated March 30; in favour of employer.	30	30
Western Ontario	Furniture factory workers	Mar. 1	For union agreement with increased wages; terminated March 6; compromise.	1,500	9,000
Point Edward	Foundry workers	Mar. 1	For increased wages, reduced hours and recognition of union committee; terminated March 2; in favour of employer.	100	200
Oshawa	Metal factory workers (auto parts)	Mar. 18	For recognition of union and increased wages; terminated Marsh 23; compromise.	150	750
Toronto	Beverage dispensers	Mar. 4	For union agreement with increased wages; unterminated at end of fiscal year.	8	184
Totals			78 Strikes	13,251	148,929

REPORT

OF THE

Minister of Education

Province of Ontario

FOR THE YEAR

1937

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REPORT

OF THE

Minister of Education

FOR THE YEAR 1937

To The Honourable Albert Matthews, LL.D.,
Lieutenant-Governor of the Province of Ontario.

Your Honour,—

I beg leave to present to your Honour the Report of the Department of Education for the year 1937.

The revision of the Courses of Study for the first six grades of the elementary school, and the establishment of a new course for the pupils of Grade IX, the first year in secondary schools, were two important changes in the educational system of Ontario during the period under review. The revised programme for Grades I to VI was drawn by a committee of teachers who, in the course of their work, examined curricula of other systems, studied reports of educational investigations, and consulted teachers and inspectors in every part of the province. Special indebtedness is acknowledged to the reports of the Consultative Committee of the Board of Education, Great Britain. Purposely flexible, the courses permit choice of topics, within reasonable limits by the teacher, and encourage habits of initiative and self-dependence upon the part of the pupil.

The revised course for Grade IX is common to all pupils entering the secondary schools. The year is regarded as an exploratory period during which the pupil may find the course for which he is best adapted. The introduction of practical courses in Shop Work for boys and Home Economics for girls is an outstanding feature of the revision. For pupils who will leave school at the end of Grade X, as many do, complete units of work are planned in certain subjects. As a result, pupils whose course is limited to two years may work with a goal, receive a better training, and realize the satisfaction that attends definite achievement.

Emphasis upon the "newness" of the revised programme would be misleading. The aim of the committees carrying out the work has not been novelty. Their concern has been the pupil's physical and intellectual development and the formation of sound character. They have endeavoured to present opportunities to those ends, and have made their selection in the light of the best available educational opinion. The courses of study in previous use served well in their day, and the teachers of those courses did faithful and devoted work. It has been a deep satisfaction to find the teaching body keenly alive to the changing needs, and eager to co-operate in adapting the curriculum to meet them. Boards of Trustees have lent substantial aid by providing equipment and accommodations, particularly for such courses as Home Economics, Shop Work, and Agriculture. Home and School Clubs and other organizations have led the way to better understanding by arranging for addresses and discussions on current educational trends. These proofs of active interest have been welcomed in the Department.

In September, 1938, it is planned to proceed with new courses for Grades VII and VIII in the elementary schools, and for Grade X in the secondary schools. All phases of the revised programme are under constant review by teachers, principals, and inspectors, and such changes will be made from time to time as experience shows advisable.

Teacher Training

The enrolment at the Normal Schools for the 1937-38 session was 1,087, approximately the same as that for 1936-37. It is a matter of at least partial satisfaction to report that the accumulated surplus of elementary teachers trained in previous years is gradually being absorbed, but the fact must also be interpreted as a warning that a scarcity of teachers may occur within a few years unless rising salaries make the teaching profession more attractive to the graduates of our secondary schools.

The Director of French Instruction points out in his report that 79.46 per cent. of French-speaking teachers now hold First or Second Class teaching certificates, a marked increase since 1929 when only 25.11 per cent. of the group were so qualified. The improved situation is a tribute to the faithful work of the teachers themselves, and to the useful service of the University of Ottawa Normal School.

Attendance at Departmental summer courses showed an increase of more than one-third over the enrolment of the previous year. More than 6,500 teachers were registered in these classes, while another large group was served by courses offered by the universities. The steadily improving qualifications of the teaching staff will find their reflection in the work of the schools.

The appointment of a Supervising and Helping Teacher in Carleton County in September, 1937, marked the beginning of another effort to assist teachers-in-service. Administrative duties make it impossible for local inspectors to devote their full time to the improvement of classroom work. By enlarging the inspectoral area in Carleton County, and by appointing a Helping Teacher to work with the Inspector, it has been found possible to give increased supervision—particularly to new and inexperienced teachers. The success of this plan may lead to its adoption in other suitable areas.

Organization

The problem of rural schools with fewer than ten pupils enrolled has continued to receive attention. Such schools operate at high cost per pupil, and provide less satisfactory educational opportunities than schools with greater attendance. Twenty-eight schools with low enrolments were closed during 1937, bringing the total number closed during two years to fifty-eight. The pupils on the whole will receive better training in neighbouring schools at a saving in cost to the province and local communities.

Interest in possible larger units of school administration is evident here and there throughout the province. Twelve township school areas are now in operation, and it would appear that further areas will be formed by local authorities as the ratepayers come to appreciate the advantages of the larger unit. The formation of a township school area does not imply consolidation of schools. Under the larger unit the schools continue as they are unless a change is desired by the trustees and the people themselves.

Poliomyelitis

The epidemic of infantile paralysis or poliomyelitis during the autumn of 1937 was responsible for a number of pupils being confined to hospitals or their homes during lengthy periods of convalescence. Under the direction of the Inspector of Auxiliary Classes, prompt measures were taken to meet this situation. Home instruction units, visiting teacher classes, hospital classes, or correspondence courses provided for the educational care of 276 of these cases. The Department of Education acknowledges with gratitude the splendid co-operation received from hospitals, the Ontario Society for Crippled Children, and school boards in meeting this educational emergency.

Examinations

The emphasis upon external examinations has been decreasing in recent years. The practice of granting standing to students with good term records has gradually been extended to include all Departmental examinations from High School Entrance to Normal School graduation. During 1937, a further step was taken by the abolition of final Departmental papers in Lower School subjects. Pupils in the first two years of the secondary schools are now granted standing upon the basis of their principals' recommendations.

School Libraries

It has been said that the three factors of greatest importance in the school are the child, the teacher, and the book. A significant outcome of the curricular revision has been the increased supplementary reading done by pupils in both elementary and secondary schools. Guidance to teachers and trustees in the selection of helpful titles has been given by book lists included in the study programmes. Publishers have co-operated by providing book-displays at summer schools and Teachers' Institutes. Boards of Trustees have made a special effort to increase their library purchases on the recommendation of their Principals and Inspectors. As a result, the bookshelves of our schools are lengthening, and readable and usable books are proving their worth as teaching aids. Tribute must also be paid to the public libraries in many centres where a sharp increase in junior circulation has occurred and where special efforts have been made to meet the call of the schools.

Text-Books

During the year 1937 the new Life and Literature Readers, Books One and Two, were authorized to replace the former Fourth Book. The new Readers provide a separate book for each of Grades VII and VIII, and together they contain more than twice the amount of reading material available in the former book. It is hoped that the increased number of selections and the appended book lists will encourage extensive reading on the part of the pupils.

The Second Reader in use in Grades III and IV has been authorized for the past fifteen years. During this time definite advances has been made in reading books for children, and it is evident that a change is advisable. It is planned to introduce two Readers to replace the present book in September, 1938.

A year ago I drew attention in my report to the need of separate Arithmetic text-books for the elementary grades, in order to provide a more generous range of material suitable for each grade level, to present problems more closely connected with community life, and to bring classroom practice in line with the results of recent research in the subject. In September, 1937, new Junior Arithmetics for Grades III and IV were authorized for use in the schools. The series will be extended to serve Grades V and VI in September, 1938.

Report on Educational Costs

The Report of the Committee appointed in May, 1935, to enquire into the cost of education in the Province of Ontario appears as an appendix in the pages that follow. The members of the Committee were: D. McArthur, Deputy Minister of Education, Chairman; G. F. Rogers, Chief Inspector of Secondary Schools, Vice-Chairman; E. C. Desormeaux, Ottawa Separate School Board; V. K. Greer, Chief Inspector of Public and Separate Schools; W. T. Kernahan, Toronto; E. L. Longmore, formerly Mayor of Timmins; B. B. Patten, Secretary, St. George Continuation School; and John Stuart, Clerk of Middlesex County. Mr. J. D. Campbell, Assistant Chief Inspector of Public and Separate Schools, acted as Secretary. The Committee sat in various centres throughout the province, hearing representations from municipal and school officials, teachers' and other organizations, and private citizens. The information thus secured was supplemented by study of Departmental records. As the work proceeded, the findings of the Committee proved of value to the Department when subjects contained in the reference came up for consideration. The province is indebted to the members of this Committee for their painstaking survey of a pressing problem. Their final report submitted on March 25, 1938, merits the close study of all who are interested in educational administration.

Conclusion

In the appended reports and statistics will be found detailed information concerning the various branches of the educational service of this province.

Respectfully submitted,

L. J. Simpson,
Minister of Education.

Toronto, December 1, 1938.

APPENDIX A

REPORT OF THE CHIEF INSPECTOR OF PUBLIC AND SEPARATE SCHOOLS

The Provincial Inspectoral Staff, 1937

I. Resignations:

Mr. J. M. Kaine, B.A., retired from active service in the capacity of Public School Inspector for the District of Timiskaming in August, 1937. He had a wide and varied experience in many classes of schools. Educated in the Gorrie Public School and in the Clinton and Harriston High Schools, he turned to teaching as a profession, and took his training courses in the Ottawa Normal School and the School of Pedagogy at Hamilton. After a rural experience of nine years in Huron County, he became Principal of the Model School at Sault Ste. Marie and, at a later date, Supervising Principal of the city schools. In 1911 he graduated from Queen's University, and thereafter was appointed to the position of Principal of the English-French Model School at Sturgeon Falls, under the Department of Education. He was called from time to time into special service as instructor in, or principal of, Summer Schools at Sault Ste. Marie, Sturgeon Falls, and Port Arthur. Two years ago he assumed charge of the inspectorship of Timiskaming, where he was able to bring to bear his practical attainments and wise judgment derived from his many-sided contacts with schools of varied character. He was always a friend of the aspiring pupil, a safe counsellor to boards and parents, and he gave unsparingly of his time and effort to the promotion of the highest ideals in the cause of education.

Dr. N. S. MacDonald, B.A., was born in the County of Durham, receiving his public school training in Union School Section No. 2, 22 Clarke and Darlington. He later attended the Bowmanville High School, from which he graduated with a Senior Leaving certificate and Honour Matriculation standing. His first professional training as a teacher was received in the Port Hope Model School. He began his work as a teacher in the rural schools of his native county. On graduating from the Normal College in Hamilton in 1899 he was appointed Principal of Richmond Hill Public School. One year later he was given a position on the Toronto Public School staff, and in 1907 became Principal of Duke Street School. In subsequent years he held similar positions in Cottingham School, Bolton Avenue School, Dufferin School, and Ryerson School. In the meantime he graduated from Queen's University and also obtained his degree of Doctor of Pedagogy from the University of Toronto. In 1918 he was appointed a Public School Inspector to succeed the late Mr. W. F. Chapman, B.A. He retired from his duties as inspector on August 31st, 1937. Dr. MacDonald possesses those qualities of mind and heart which made him an inspiring, progressive, co-operative, and very efficient teacher and inspector. His abilities and his sympathetic understanding of the teacher and her problems won him the confidence and esteem of teachers and pupils in the schools in which he served as teacher, as principal, and subsequently as inspector. Dr. MacDonald has been frequently a member on Departmental Committees. His judgment on provincial educational problems was always valued highly.

Mr. Alexander Mowat, B.A., who had been inspector of public schools in the City of Peterborough for nearly thirty years, retired on July 31st, 1937, lacking but one year of half a century in educational work. Few persons who enter the teaching profession have a record of so long, so faithful, and so successful experience. Mr. Mowat was born in Scotland. He came to Canada with his parents when only six years of age. They settled in Haldimand County, where Mr. Mowat received his early education. Later he attended the Port Rowan High School and the Aylmer Collegiate Institute. After graduating from a Model School be began his work as a teacher in the rural schools of Haldimand County. Three years later he entered the University of Toronto and graduated therefrom in 1891. His experience as a high school teacher included principalships in the Meaford High School, the Seaforth Collegiate Institute, and the Brockville Collegiate Institute. In these positions he rendered excellent service, acquiring the reputation, which he well merited, of being an outstanding teacher and an able administrator. He served the public schools of the City of Peterborough faithfully and well for thirty years and will be remembered not only in that city but throughout the province as one of the educational leaders of his day.

J. H. Putman, B.A., D.Paed., LL.D., resigned as Chief Inspector of the Ottawa Public Schools on September 28th, 1937. He had occupied this position over a period of twenty-seven years, beginning on September 1st, 1910. Dr. Putman was a native of Gainsborough Township in Lincoln County and received his early elementary and secondary education in the home area. He later attended the Lincoln County Model School at Beamsville, obtaining his Third Class certificate. After two years of teaching experience in School Section No. 12 Seneca, Haldimand County, he attended the Toronto Normal School. For the following three years and six months he served as Principal of the Ancaster Village Public School. His next experience was as Principal of the Eglinton Public School in the town of North Toronto (later the John Fisher Public School, Toronto). In 1894 Dr. Putman was appointed to the Ottawa Normal-Model School staff and later to a Mastership in the Normal School. In 1899 he graduated in Arts from Queen's University. In 1907 he received his Bachelor of Pedagogy degree, and in 1910 the Doctor of Pedagogy degree, from Queen's University. During his experience as Chief Inspector of the Ottawa Public Schools the annual reports from his office have shown that there has been continuous progress in these schools from every point of view. Inspectors and educational leaders within Ontario and throughout Canada have eagerly sought these reports as indicating the best accomplishment and the leading trends in the field of elementary education. It is difficult in a short space to record the outstanding services rendered to the cause of education by Dr. Putman, but the following are among the positions filled by him:—

1. A representative of Ontario teachers for a number of years on the Teachers' and Inspectors' Superannuation Commission.
2. A member of a Commission investigating the school system of British Columbia.
3. President of the Inspectors' Section of the Ontario Educational Association.
4. President of the Ontario Educational Association.
5. Secretary of the Canadian Educational Association.

In 1935 Dr. Putman was honoured by the University of Toronto with the honorary degree of Doctor of Laws. As teacher, Normal School master, and inspector, and as an educational leader, speaker and writer, Dr. Putman rendered a great service to the cause of education in Ottawa, Ontario, and Canada.

Mr. J. H. Smith, B.A., retired from active service as an inspector on August 31st, 1937. He was born in the Township of Ellice, Perth County, received his early education in a rural school in that township, obtained his secondary school education in the Mitchell High School, and his first professional training in the Mitchell Model School. His first years of experience as a teacher were spent in the rural schools of the county, and after graduating from the Ottawa Normal School he returned to continue the work in his native county. Again, when he graduated from Queen's University with honours and from the Ontario College of Education, he came back to Perth County. In 1907 he was appointed Principal of the Model School in Stratford and in the following year became Inspector of Public Schools in that city. In 1910 his inspectorate was enlarged to include five townships in the south of the county. In this field of educational work he devoted his efforts unstintingly, faithfully, and with entire satisfaction to all, until his resignation in August, 1937, several years before the compulsory age of retirement. Mr. Smith was engaged for forty-five years in educational service, and thirty years of that period were given to inspectoral duties. Mr. Smith was a man of great energy, always willing to assist his teachers and boards and to co-operate fully with the Department. He was known as the teachers' friend and counsellor. He left his schools greatly improved, due to his efforts and leadership, and those who worked with him look back with pride to the splendid educational service which he rendered for so many years.

II. APPOINTMENTS:

The following appointments were made to the provincial staff of inspectors during the year 1937.

1. Ottawa: Dr. McGregor Easson, B.A., Public School Inspector, Ottawa, to succeed Dr. J. H. Putman as Chief Inspector of the Ottawa Public Schools. Dr. Easson's new duties began on September 28th, 1937.
2. Ottawa: Mr. Robert Westwater, B.A., B.Paed., Principal of York Street Public School, Ottawa, to succeed Dr. McGregor Easson, duties beginning November 1st, 1937.
3. Peterborough: Mr. Keith S. Wightman, B.A., B.Paed., Principal of Central Public School, Peterborough, to succeed Mr. Alexander Mowat, B.A., as Public School Inspector for the City of Peterborough, duties beginning August 1st, 1937.
4. Toronto: Mr. J. Lindsay McCullough, B.A., B.Paed., Principal of Park Public School, Toronto, to succeed Dr. N. S. MacDonald, B.A., on the Toronto staff of Public School Inspectors, duties beginning September 1st, 1937.
5. Dufferin: Mr. Alvin F. Hansuld, B.S.A., Principal of Central Public School, Port Arthur, to Dufferin (in part) and Peel (in part), to succeed Mr. W. R. Liddy, B.A., duties beginning September 1st, 1937. This inspectorate had been vacant for a year.
6. Glengarry: Mr. Zac. S. Phimister, B.A., B.Paed., from the staff of Lawrence Park Collegiate Institute, Toronto, to the inspectorate of Glengarry (in part) and Prescott (in part), to succeed Mr. G. N. Edwards, B.A., B.Paed., duties beginning September 1st, 1937.

7. Huron East: Mr. John Hartley, Assistant to the Chief Inspector of Public and Separate Schools, Department of Education, to the inspectorate of Huron East, to succeed Dr. John M. Field, M.A., with residence at Clinton, duties beginning January 1st, 1937.

8. District Div. X: Mr. F. S. Rivers, B.A., B.Paed., Master in the North Bay Normal School, to act as inspector for one year in District Division X, Timiskaming North and Cochrane (in part), duties beginning September 1st, 1937. This inspectorate had been vacant for a year.

9. District Div. XI: Mr. W. L. Lovell, B.A., Science Master in Kirkland Lake High School, to District Division XI (Timiskaming, in part), to succeed Mr. John M. Kaine, B.A., duties beginning September 1st, 1937.

10. R.C.S.S. Div. II: Mr. Laurier Carriere, B.A., Principal of Garneau Separate School, Ottawa, to R.C.S.S. Division II to succeed Mr. Adelard Gascon, B.A., with residence at Sudbury, duties beginning September 1st, 1937.

11. R.C.S.S. Div. XIX: Mr. Lucien Laplante, B.A., of the Ottawa Separate School staff, to a new Roman Catholic Separate School inspectorate to be known as Division XIX, composed of separate schools in Ottawa and along the Ottawa River from Ottawa to North Bay. His duties began on November 1st, 1937.

III. Transfers:

Mr. G. N. Edwards, B.A., B.Paed., who was appointed to the inspectorate of Glengarry (in part) and Prescott (in part) in 1931, was transferred to the inspectorate of Perth South and City of Stratford, duties beginning September 1st, 1937.

Superannuation of Inspectors

At the regular session of the Legislature in 1937, amendments were made to The Teachers' and Inspectors' Superannuation Act and to The Public Service Superannuation Act to permit some 67 Public and Separate School Inspectors to transfer from the former to the latter scheme of superannuation. The amendments required that all contributions in behalf of the inspector, by the Government and by the inspector himself, be transferred from the Teachers' Fund to the Public Service Fund; that each inspector at the time of superannuation should receive credit for his full experience as an inspector; that at the time of superannuation the inspector receive the amount of pension calculated either on the basis of the Teachers' scheme or on the basis of the Public Service scheme, whichever is the larger at the time of superannuation; that each inspector pay into the Public Service Fund any additional amount required to make his contributions complete to date for the period of service credited; that every public and separate school inspector appointed by the Minister of Education in future be required to transfer to the Public Service scheme immediately on his appointment. This privilege of transfer was greatly appreciated by the inspectors, for it made possible, for each inspector's widow, a pension to the date of her death of an amount equal to one-half of the pension due to the inspector at the date of his retirement.

A Supervising and Helping Teacher

Section 117 (1) of The Public Schools Act states that, "Subject to the regulations it shall be the duty of every public school inspector to bring about improvement in the work done in the classrooms by inspiring the teachers and pupils and by sympathetically assisting the teachers to improve their practice."

In Ontario, officials of the Department of Education as well as the inspectors themselves have constantly believed that the local inspector, because of exacting office and administrative duties, has not been able to do full justice to the improvement of the work being done in the classroom and at the school.

On September 1st, 1937. the inspectorate of Mr. T. P. Maxwell, B.A., was enlarged to include all of the County of Carleton except the City of Ottawa, and at midsummer, 1937, the Minister appointed a Supervising and Helping Teacher in Carleton County. In this extended area the supervision of the work of 154 teachers was required. Miss Florence E. Johnstone, of the staff of Hilson Avenue Public School, Nepean Township, was appointed to work with Mr. Maxwell as the Supervising and Helping Teacher. During the current school year, September, 1937—June, 1938, the work of this special teacher has been more or less experimental, but the following results are already evident:—

1. More assistance is being given to new and inexperienced teachers.
2. Newer phases of work, such as Health Teaching, Social Studies, Games, the selection of pupils requiring special training, the introduction of the new programme of studies, the better use of the school library, etc., are receiving more attention.
3. The inspector has more time to meet teachers in groups, to plan the work of the inspectorate, to assist teachers and trustees through bulletins, and to visit more thoroughly a limited number of schools.

It is too early to determine to what extent it may be advisable to have an inspector with a helping teacher supervise and inspect the schools in each county area; but there is no doubt that their combined services in the larger area will have a greater value to the schools than would be the case by the reduction of the number of schools under each inspector.

The New Programme of Studies, Grades I to VI

The committee composed of Mr. Thornton Mustard, M.A., B.Paed., of the Toronto Normal School staff, and Mr. Stanley A. Watson, B.A., Principal of Keele Street Public School, Toronto, continued its work on the new programme of studies for Grades I to VI. After making a preliminary draft of the proposed new courses, the committee went through the province in April, May, and June, and met Normal School staffs, inspectors, principals, and teachers, in groups, obtaining suggestions and criticisms from them with respect to the new courses. In early July a first edition of the courses was printed and distributed to each teacher in attendance at the summer schools and to the staffs in charge of these summer courses. Again, the proposed courses were subject to much discussion and criticism, and further modifications were made. In the latter part of August the programme was printed and sent to all teachers of the elementary school grades.

At the Teachers' Institutes held during the autumn term, members of the committee, officials of the Department, and the local inspectors spoke and led further discussions relating to the changes. As the year closed it was felt that the new courses had been well received and that better work would be done in the elementary grades because of (i) the greater emphasis on the child's active participation in the work of the school, (ii) the greater element of choice given to the teacher, (iii) the increased supplementary reading done by the pupils, and (iv) the emphasis upon internal tests rather than external examinations of uniform type.

It is most gratifying to note the willing co-operation of boards of trustees in providing funds for the purchase of books and equipment. It is safe to estimate that the year 1937 was a record one in Ontario for the purchase of library books and school equipment.

Correspondence Courses

At the outset it may be stated that the correspondence courses as at present conducted are one of the greatest achievements of the Ontario Department of Education. The following are admitted to these courses:—

1. Those who are out of reach of a school for the whole of the school year.
2. Those who are out of reach of a school in the winter but who can attend during the fall and early summer.
3. Those who are within reach of a school but who are physically unable to attend. There are about three hundred such pupils.
4. Children of missionaries of Ontario serving in foreign countries.
5. Persons in Ontario Sanatoria. There are about one hundred and fifty admissions from this group.
6. Other cases considered on their merits.

A number of schools with a small attendance have been closed, and in some cases the children have been enrolled in the correspondence courses when the school was closed. In other cases transportation has been stopped for the winter months and the pupils have been enrolled in the correspondence courses. In all these cases, about 150 have been added to the roll. From this, and the whole history of the correspondence courses, it will be seen that the Government saves each year very considerable sums of money by having the correspondence courses.

From the examination of our records we find that during the school year September 1st, 1937, to January 15th, 1938, we have enrolled 2,400 in our correspondence courses. To these might be added those in the Sanatoria, which would bring the total enrolment up to 2,500. The fact that we are daily in receipt of letters of appreciation from those making use of the correspondence courses, such letters numbering thousands, would indicate that the lessons are thorough and satisfactory.

Railway School Cars

The Railway School Car has proven itself perfectly adapted to its purpose of carrying education and social betterment to scores of smaller communities scattered along the railway lines in Northern Ontario. Not only have hundreds of children received a training for life which would otherwise have been denied, but the entire social and even domestic life of these settlements has changed under its influence. The following extracts from teachers' reports verify the truth:—

> After nearly seven years of service one is able to look back and compare conditions as they were at the beginning with those that now exist. Except in very rare cases there has been steady improvement in both social and economic conditions. In many homes we find radios and other facilities for enjoyment that delight frugal parents. We see a certain optimism and energy of outlook that is born of small successes hardly but steadily gained. In the children we find a healthy attitude to life imbibed from school car influence.
>
> A. D. Clement, Teacher, C.N.R. School Car No. 3.

> The attitude of parents and children has made our duty a pleasant one. Back of this local co-operation is the usual sympathetic spirit of the Department of Education through its supervisor, the splendid generosity of the Ontario Car Schools' Auxiliary of Toronto, and the consistent courtesy and help of the railway officials and employees, all of whom have made the experience a very happy one.
>
> Henry Antoniak, Teacher, C.P.R. School Car No. 2.

> They are among the best pupils I have ever taught and we expect great things in life from them. As proof of this, Rene Thibault, who received his entire education on the School Car, after reaching the University of Ottawa Normal School in eight years, is now teaching Senior IV Grade in Blind River School. Odilon, his brother, came second highest among twenty-two competitors in the Civil Service examination, got his High School Entrance and two years of high school with the school car and is now in a good position in Sudbury Post Office. Agatha Chene of Kinogama is receiving exceptional honour in Washington School of Art. A former pupil has completed a course in Radio Engineering and is building up his finances as a sectionman to go into this business in Sudbury. The two Clement boys are with a diamond drill crew steadily, and a number of others are employed in the nickel mines. All of our graduates are giving a good account of themselves; none are unemployed.
>
> W. H. McNally, Teacher, C.P.R. School Car No. 1.

This is direct and convincing evidence of the unique service rendered by the school car and its faithful teachers in a field where the chances of the children were otherwise utterly hopeless.

Exchange Teachers

For the school year 1936-37, 44 teachers from Ontario are on exchange, either with overseas teachers or with teachers in other provinces of Canada. This is the same number as were on exchange for the two previous school years, and is the largest number of exchange teachers from the province since the exchange system was started some twenty-five years ago. The exchange is, no doubt, of great benefit to the teachers and also to the children in their schools.

The Ontario teachers at present on exchange are from Toronto, York County, Tamworth, Ingersoll, Stamford Centre, Kitchener, Port Credit, Whitby, London, Port Colborne, Burlington, Windsor, Riverside, Kingston, Cobalt, Leamington, Arnprior, St. Catharines, and Thorold.

Summer Courses

The enrolments for summer courses, as follows for each of the past two years, indicate the determination on the part of the teachers to advance their qualifications and to prepare themselves for the teaching of the special subjects which are being introduced each year in a larger number of the elementary schools:

	1936	1937
Agriculture	1,121	1,336
Art	292	321
Auxiliary Classes	134	130
Commercial	216	258
Education	668	1,385
English-French	253	224
Farm Mechanics	25	23
Health Teaching	176	213
High School Assistants	51	64
Household Arts	....	48
Household Science	....	365
Kindergarten-Primary	279	320
Manual Training	102	231
Music (a) Vocal	542	693
(b) Instrumental	11	73
Oral French	46	57
Physical Education	252	199
General Shop Work	....	16
Special Shop Work	....	120
Upper School	637	449
Vocational Courses	70	73
Total	4,875	6,598

The Medical and Dental Inspection of Schools

There has been, during the last year or two, evidence of increasing interest in that aspect of the school programme which is related to health and hygiene. The importance assigned to health teaching by the revised course of study has focussed the attention not only of teachers but also of trustees and others on this subject.

The necessity for a readily acceptable scheme of school health supervision is manifest. This service has established its merit in the urban centres where there is an almost insistent demand for its extension to the secondary schools, yet but 5 per cent. of the rural schools have any type of health supervision from physician, nurse or dentist. It would seem reasonable that a serious effort should be made to capitalize on the previously mentioned interest, and attempt to evolve some plan of ensuring for these rural children the known advantages of this service. When such a programme is devised and proven practicable, it should be possible to initiate it in the rural and small urban municipalities without the necessity of first securing the unqualified support of every trustee in the area to be served.

Rural School Fairs

The very serious outbreak of infantile paralysis, or poliomyelitis, which occurred throughout Ontario during September and October unfortunately made it necessary first to postpone and later to cancel over half of the Rural School Fairs which had been organized in the spring of 1937 as a joint project of the Departments of Education and Agriculture.

Thirty-seven thousand, six hundred and two children from 1,585 schools made 121,877 entries in the 244 School Fairs which were held, while 93,984 children from 3,025 schools would have taken part in the 289 Fairs which were cancelled. In some cases, however, these children had prepared their entries in art and writing, and these were judged. The fear of infection reduced the attendance of children at the Fairs held to 44,317, and of adults to 56,984.

Seeds were distributed in the spring to the school children, and in a number of school sections the home plots were judged. Though somewhat handicapped by lack of qualified judges, nevertheless an attempt was made at each Fair to lay stress upon educational contests and features bearing on some phase of agriculture.

Fifth Classes

For more than half a century fifth classes have been conducted successfully in many of the ungraded schools throughout the province. Formerly, when Third Class certificates were issued by the Department of Education or by the County Model School Boards, many teachers obtained their academic standing for a certificate of that grade in a rural school in charge of a male experienced teacher. In more recent years many students have taken the first two years of high school work in fifth classes. They passed on the subjects of the lower school examination and were admitted to the middle school. So successfully has the fifth class work been done, even in the ungraded school, that the Department of Education made it an essential part of the elementary school course, and further made it a compulsory part of the work of the elementary school where properly qualified pupils desired the work to be taken.

An estimate of the work which has been done in recent years in the fifth classes can be ascertained from the following data pertaining to the school year 1936-37. In the public and separate schools of the province there were no fewer than 1,715 fifth classes. Of these, 161 were Grade A classes; 170 were Grade B classes; and 249 were Grade C classes, and in the aggregate they received special legislative grants to the amount of $70,366.70, an increase over the preceding year of $10,455.66. The enrolment in the 1,715 classes was 4,568 which, if placed in one school with 40 pupils to a class would require 114 classrooms for accommodation. The pupils trained in fifth classes passed upon approximately 27,000 papers of the lower school examination in the year 1937.

With the introduction, however, of the new and compulsory courses of study in Manual Training and Household Science for Grade IX (Junior Fifth Class), the Department of Education feels that this work cannot be successfully done in ungraded schools, but anticipates that the work can be taught satisfactorily in the Grade A and Grade B fifth classes where at least two teachers are employed. It would appear, therefore, in the years to come, that Grade C classes as well as those fifth classes which were not graded will disappear. The Department is anxious that as many pupils as possible may be able to obtain instruction in fifth class work, and to that end is strongly in favour of several sections in a township being grouped under one board of trustees so that adequate provision for the teaching of Agriculture, Manual Training and Household Arts may be made in each community.

School Savings and The Penny Bank of Ontario

The Department has continued to give active support to the teaching of thrift through the Penny Bank of Ontario. There are now 506 schools making use of the Penny Bank, an increase of seven schools during the year. The children of these schools had a total deposit at the end of the year of $1,308,825, an increase of more than $36,000 over a year ago.

Deposits are taken once a week in the classroom and the money is sent to a local chartered bank where the ledgers are kept and withdrawals are made. Emphasis is laid on regular depositing rather than upon the amount deposited.

Habit formation is the immediate purpose of school savings. It is noteworthy that at the end of December, 1937, 45 schools had 80 per cent. or over of their pupils making deposits each banking day for the two preceding months. This is a record achievement to date.

Purposeful saving and wise spending are emphasized in the classroom lessons which the Penny Bank furnishes the schools. The pupil is encouraged to compare the value of spending small sums for short-lived gratifications with the value of accumulating those small sums until they will purchase some more permanent and more useful article. Lessons in foresight and self-control become an important by-product of the school savings programme.

The Closing of Small Schools

In this report for the calendar year 1936 it was stated that 26 schools with low enrolment had been closed during the year 1936, and that 65 others with an attendance of eight or fewer were under consideration for closing at midsummer, 1937.

Twenty-eight schools were closed as at June 30th, 1937, bringing the total number of small schools closed to that date to 58. In one or two cases schools have been reopened because of increased enrolments, but in the other cases the schools continue closed and a better educational service is being rendered to the pupils by having them attend larger neighbouring schools. A considerable saving in money, both to the local ratepayers and to the Government in the form of legislative grants, has been made.

Further reports are to be made by the inspectors on 34 small schools during the spring term of 1938, and the boards of trustees of these schools have been notified that if the enrolment in June, 1938, is not greater than eight, it may be necessary for the Minister to take official action towards the closing of the schools as provided for under Section 86 (1) of The Public Schools Act.

Regular Legislative Grants to Public and Separate Schools

A change in the bases upon which the regular annual legislative grants to public and separate schools were apportioned was made to take effect in the year 1931. The purpose of the change was to give the necessary assistance to those schools where the need was greatest. The new bases recognized (i) average attendance, (ii) relation of aggregate salaries to the equalized assessment of the section, (iii) the expenditure on capital expenditure made by the board of trustees during the next preceding calendar year in the case of those schools where the equalized assessment is less than $50,000, (iv) an allowance for maintenance to those schools which have an assessment of less than $50,000 per classroom, (v) in the case of rural schools a grant on the certificate of the teacher, (vi) a grant on the approved expenditure of a board on instructional equipment or on repairs to school buildings. Minor changes were made in one or more of the bases from time to time, but in the main the bases have been retained

The grants to public and separate schools have been apportioned on these bases for the years 1931 to 1937 inclusive, with the exception that in five of these seven years it was found necessary to reduce the aggregate amount apportioned by the following percentages. In 1932 the reduction was 10 per cent.; in 1933, 20 per cent.; in 1934, 10 per cent.; in 1935, 15 per cent.; in 1936, 10 per cent.

The amounts apportioned to public and separate schools for the different years were as follows:—

1930	$3,686,301.00
1931	$3,753,499.00
1932	$4,102,448.00
1933	$3,847,696.00
1934	$3,356,313.00
1935	$2,510,154.00
1936	$3,013,917.00
1937	$3,396,190.00

The sum apportioned in 1932 was the largest amount for any one of the seven years, although there was a reduction of 10 per cent. in the aggregate amount apportioned. As the grants for this year were based upon the data for the calendar year 1931, the salaries of teachers in the rural sections and smaller urban centres were still high, and the grants on salaries were large. The amount apportioned in 1935 is the smallest amount of the seven years. The grants of this year were based on the data for the year 1934, when the salaries of teachers were lowest and where section 6 (a) of Instructions No. 12 operated in a large percentage of the number of schools. In the year 1936 there was an increase of almost $500,000 in the grants given, and in 1937 there was an additional increase of over $382,000. It is hoped that it may be possible to increase further the amount apportioned in legislative grants to the elementary schools in order that the local school tax burden in poor areas may be further relieved.

Conclusion

The elementary schools of the province have continued to receive benefit from the active interest of parents, trustees, and many organizations. The co-operation of all is needed in order that the best work may be accomplished. Teachers, inspectors, and officials appreciate this co-operation and are greatly assisted by it. The splendid co-operation given by the inspectors during the past year in the introduction of the new programme of studies is greatly appreciated. Through their zealous leadership the teachers, the trustees, the parents, and the general public have had an earlier and more thorough understanding of the changes being introduced.

A number of the inspectors have been asked to assume partial duties for an inspector who has been absent through illness or on special leave, or to share duties where an inspectorate remained vacant. In every case the inspectors have assisted most willingly and faithfully.

The Ontario Public and Separate School Inspectors have many difficult problems to solve. Few of these problems, relative to the total number in any year, reach the Department of Education for final decision. This fact is a constant testimony to the tactful and efficient work of the inspectoral staff.

I am indebted to Dr. J. T. Phair, Chief Medical Officer, Department of Health; to Mr. R. S. Duncan, B.S.A., Director of Agricultural Representatives; to Mr. J. R. Littleproud of the Ontario Penny Bank, and to my colleagues in the Department of Education for contributions to this report.

V. K. Greer,
Chief Inspector.

Toronto, March 15th, 1938.

APPENDIX B

REPORT OF THE CHIEF INSPECTOR OF SECONDARY SCHOOLS

I have the honour to submit herewith the reports of the High and Continuation School Inspectors and the Director of Vocational Education, for the school year 1936-37.

GEO. F. ROGERS,
Chief Inspector of Secondary Schools.

October 20th, 1938.

1. Report of the High and Continuation School Inspectors

There are in the province 70 Collegiate Institutes, 156 High Schools and 206 Continuation Schools. Of the Collegiate Institutes, 55 have staffs of 15 or more teachers and 30 have 25 or more. Of the High Schools, 113 have 5 or more teachers and 27 have 10 or more. There are 69 Grade A Continuation Schools with 3 or more teachers, and 129 Grade B two-teacher schools, in 20 of which the assistant teacher devotes only half time to high school work. There are 8 Grade C one-teacher schools doing work to the end of Grade X and inspected by the Public School Inspectors. During the school year 1936-37, 2,930 teachers were employed, showing an increase of 45 over the number in 1935-36. The total enrolment of pupils in all grades for the year was 76,023, showing a decrease of 1,340 from that of the preceding year.

Inspection

The Inspectors visited the schools at least once, and in many cases twice, during the year. They discussed the organization and phases of administration with the Principal. After observing the regular work of the school in classrooms, laboratories, and gymnasia, they met the teachers individually and in groups according to subjects, thus affording an opportunity of discussing problems peculiar to a teacher or relevant to a subject. Quite often at the close of the inspection the staff as a whole convened for general discussion and usually a meeting was arranged with the Board or representatives of the Board.

It is a pleasure to be able to speak highly of much of the work observed in the various departments in our schools. Teachers are recognizing more and more that while they are teaching subjects they are also training pupils. There is more insistence upon a satisfactory standard of neatness in written work. The pupil is participating and sharing responsibility in the lesson to an appreciably greater extent. More attention is being given in the classroom to such phases of school training as posture, enunciation, and oral expression. During the year under review, the schools were looking forward to a major change in the courses of study. Boards were concerned with accommodations and equipment, principals with organization, and teachers with their preparedness to teach the subjects. Nevertheless, a spirit of optimism prevailed, as well as a willingness to co-operate in effecting a successful revision of the secondary school curriculum.

It would be most difficult to find a body of men and women more interested, more progressive, more conscious of their responsibilities, and more loyal to their profession than our secondary school teachers. Their desire for higher attainment is evidenced by the large number attending summer classes in Music, Art, Commercial Work, French, Agriculture, Health and Physical Education, General Shop Work, and Home Economics. The benefit derived from these courses is being passed on to the pupils and can be seen quite plainly in the character of work being done. The number of experienced teachers in our Continuation Schools who are improving their academic standing and obtaining university degrees is also worthy of mention.

At this time, when courses of study are being revised, we feel that reference should be made to the assistance and co-operation given by the principals of our schools. With an understanding of local conditions and local problems they have shown adaptability, initiative and good judgment. In addition to their executive and administrative duties they are spending more time each year in the classrooms and by regular supervision are doing much towards raising the standard of work in our secondary schools. The fact that we have so many efficient, smoothly running schools is a credit and a compliment to our principals.

It is encouraging to note the keen interest that Boards of Trustees and Boards of Education are taking in the work and progress of the schools for which they are responsible. In the course of their regular duties, the Inspectors have had the privilege of meeting a great many boards during the past year. They have found them fair-minded, willing to co-operate, and seeking to provide the best possible educational facilities for their young people. Generally speaking, members of school boards recognize the great part that the school is playing in training young men and women for intelligent and useful citizenship, and realize the importance of having a good secondary school in the community.

This report would not be complete without reference to the secondary school teachers who have retired during the past year. Many of them have had distinguished records and have been leaders in the profession to which they have devoted the greater part of their lives. Their retirement from active service will provide opportunities for well-earned leisure and a freedom which they have not known since they first assumed their duties in a classroom.

R. W. ANGLIN,
A. J. HUSBAND,
W. A. JENNINGS,
A. G. HOOPER,
J. P. HOAG,
S. D. RENDALL.
R. H. WALLACE.

Toronto, August 31st, 1938.

2. Report of the Director of Vocational Education, School Year, 1936-37

As a consequence of the decision of the Department to introduce Shop Work for boys and Home Economics for girls as part of the general secondary school curriculum, the time of the Vocational Inspectors during the past year has been largely devoted to the work of the special committees appointed to make recommendations regarding new courses of study.

The introduction of this practical work as a definite part of the curriculum will be received with keen satisfaction by the smaller high schools and continuation schools, in which there has been a long-standing demand for practical courses similar to those enjoyed by the larger centres of population The aim of the new courses is not vocational, but rather of an exploratory nature. The objective kept constantly in mind has been to prepare courses which would give pupils the opportunity ,while pursuing their academic studies of the first year, to discover in themselves any latent aptitude for practical work in the industrial, commercial, or Home Economics spheres, with the two-fold purpose of (a) arriving at an intelligent appraisal of the direction in which each pupil's further educational development should be guided and (b) of providing reliable data upon which to base occupational or vocational counsel. To this end the Inspectors have co-operated with the other members of the respective committees and their recommendations have been presented from time to time.

Special Teacher Training

In preparation for the introduction of the new general course in Grade IX, including these two special subjects, attention has been focussed on the development of practical courses in Shop Work, Home Economics, and Commercial practice suitable for teachers who have not had the advantage of previous industrial or commercial experience. It is hoped by successive summer courses to qualify such teachers sufficiently for part-time instruction, and by longer and more intensive training (probably a one-year course at the Training College for Technical Teachers) to prepare them to give effective instruction in a full-time programme of considerable practical value.

Vocational Schools

There has been no change in the character of the instruction provided for vocational students. A modification of the time-table in the practical work of the first year may be expected as a result of the various recommendations which are being submitted by the special committees. Attendance at evening classes has increased slightly over the past year, there being a distinct indication of a revival of many evening classes which were discontinued as a result of the economic depression. Day school enrolment, on the other hand, has slightly decreased. The quality of instruction in the schools has been well maintained, and the work of the students continues to give satisfaction. A spirit of hearty cooperation exists among principals, teachers, and inspectors, and the student body as a whole responds readily to improved methods of instruction.

In the practical courses for both boys and girls, the unit method of instruction is being adopted, and, so far, has proved a successful method of instruction in these subjects. By this method, unit sheets are prepared by the teacher, and are handed to the students. These units of instruction provide a problem to be solved; the necessary drawing or illustration; and references from which the student may obtain the required information. This procedure has the distinct advantage of allowing students to proceed through the course with the guidance of the teacher at a rate dependent only upon their individual capacity for learning and their application to the work.

Building Projects

The town of Cornwall called attention in the fall of 1935 to the over-crowding of the collegiate institute, and suggested a survey for the purpose of ascertaining the advantages of introducing vocational training there. An Inspector of this Branch visited Cornwall in June, 1936, and reported that industrial classes were badly needed. Eventually the Collegiate Board decided to establish day and evening vocational classes in a suitable addition to the existing school, and the Department's approval was sought and obtained to proceed with the building. The new addition was planned to include a Machine Shop, a Wood and Electric Shop, a Drafting room, three Commercial class rooms, three Industrial class rooms, a Sewing room, and a Home Economics laboratory, as well as an auditorium and gymnasium, at an approximate cost, including equipment, of $240,000. Of this, the Department will pay 25 per cent. by way of grant under the Vocational Regulations. It has recently become necessary for the approval of the Municipal Board to be first obtained before debentures may be issued for any new building projects. In the case of Cornwall, no difficulty is anticipated, and it is now planned to have the new building completed and equipped for occupation in September, 1939.

Another important building project under consideration is the demolition of the present technical school in Ottawa, and the substitution of an up-to-date building, in an endeavour to meet the demand for larger facilities for this class of work in the City of Ottawa. Departmental officials were called into consultation and, following a survey, representations were made to the City Council to obtain the necessary funds. The cost of the new building is estimated at $500,000. The debenture issue, as in the case of Cornwall, will have to be approved by the Ontario Municipal Board. As the proposed school will be built on the present site, the existing Shop accommodation will remain available for instruction in Shop courses. The demand at present is for a central unit which will accommodate the 1,400 boys who are in attendance at this school. In addition to classrooms, provision is made for a Machine Shop and Motor Mechanics Shop, a Home Economics laboratory, and a Chemistry laboratory. Accommodation will be provided also for Printing and for Art work, and a new library is included in the plans. It will be some time before the building is completed, but it is expected that the centre unit will be ready for occupancy in September, 1939.

The following is a comparative table of statistics which presents at a glance a complete picture of what is being achieved in the field of vocational education.

	1922-23	1935-36	1936-37
Number of Schools—Day	16	60	60
" " —Evening	51	28	32
Number of Pupils—Day	9,402	35,915	34,766
" " —Evening	35,511	24,360	25,750
Number of Teachers—Day	337	1,449	1,447
" " —Evening	1,097	766	808
Government Grants	$638,217	$1,112,078	$959,611
Municipal Expenditure (Net)	$1,233,397	$4,079,358	$4,334,667

Home Economics and Manual Training in Elementary Schools

Since the retirement of Inspector Leake as Inspector of Household Science and Manual Training, the organization and inspection of this work have been taken over by the Inspectors of the Vocational Branch. The inspectoral work, however, has not received the attention it requires on account of a limited staff. In the near future, a grading grant is likely to be substituted for the present grant based on salaries, and the appointment of an additional Inspector would facilitate the grading of schools for grant purposes.

It may be said that interest in these optional subjects has been sustained in the urban centres; but from the nature of the inquiries made and the reports received from local Inspectors covering the work of rural areas, it would appear that there is an over-measure of concern, on the part of teachers, regarding the grants obtainable rather than for the advantages which might accrue to the pupils. It is planned at no distant date to recommend the discontinuance of special grants to teachers, and to encourage the organization of these classes by increasing the grants to the Boards. New Regulations are already under consideration, in which it is proposed to eliminate grants heretofore paid to unqualified teachers. It might be wise to serve notice in the new Regulations that grants to teachers will eventually be discontinued entirely. In the event of Shop Work and Home Economics being made compulsory in the secondary schools, as is contemplated in the recommendations of the special committees studying the new courses, the Regulations regarding the optional work carried on in elementary schools will require to be segregated from the compulsory features applicable to secondary schools.

F. S. RUTHERFORD,
Director of Vocational Education.

Toronto, October 20th, 1938.

APPENDIX C

REPORT OF THE DIRECTOR OF PROFESSIONAL TRAINING

1. Normal School Admissions

The total registration in the eight Provincial Normal Schools for the 1937-38 session was practically the same as that for 1936-37. Approximately eleven hundred students were admitted in each of these years. The numbers now graduating would appear to be insufficient to fill the vacancies in the elementary schools caused by ordinary retirements. Fortunately the accumulated surplus of teachers trained in previous years has served, up to the present, to compensate for the deficiency in the source of supply. Obviously we are approaching a period of scarcity of teachers unless the number of students entering the Normal Schools begins soon to increase. One favourable symptom in the situation is a distinct rise in the salaries paid to teachers, especially in rural schools. It may confidently be expected that, when salaries reach a more generous figure, more young men and women will be attracted to the profession of teaching.

2. Increased Provision for Practice Teaching

Greater facilities for practice teaching were provided in the Normal Schools two years ago and were extended during the 1937-38 session. Provision is now made whereby each teacher-in-training spends five or six full weeks in the practice schools. The individual weeks for practice are spaced at intervals, and a period of three weeks' instruction in the Normal School follows each week of teaching in the practice school. The teacher-in-training has opportunity to teach not only single lessons, as under the former plan, but also several groups of lessons in the same subject or in different subjects. He also has opportunity to take complete charge of a classroom for half a day during each of the weeks he spends in the practice school. This plan throws him to a greater extent upon his own resources and tends to develop initiative and originality. It gives him a clearer idea of the problems involved in teaching and managing a school, and doubtless fits him better for taking charge of a school after his graduation. The scheme could not have been successful without the whole-hearted co-operation of the critic teachers in the practice schools.

3. Revised Courses of Study

The Normal School course of study has been revised and in its new form will go into effect during the 1938-39 session. In this revision the members of the staffs of the training schools gave valuable assistance in the form of suggested changes in the former course. Some rearrangements, additions, and deletions of subject matter have been made to bring the programme into harmony with the recently revised curriculum of the elementary schools. It has not been necessary, however, to change the fundamental principles of the course. As a matter of fact, the essential features of the revised elementary course have long been recognized in the Normal Schools as the requirements of any courses suitable for children. Education through activity is a principle that has always been approved and practised. The use of the child's experiences from his contact with his environment as a basis for his interpretation of new experiences has long been regarded as the primary law of learning. The cultivation of desirable interests and attitudes has always engaged the attention of the best teachers. The inseparability of factual knowledge from appreciation and conduct has always been considered an elementary psychological principle. The correlation and integration of the facts of the different school subjects have always been persistently advocated. The necessity of continuous and thorough training in language in all its phases has been from the earliest times an educational axiom. The project (or the *enterprise*, as it has been recently designated) has been used as an educational agency for at least three decades.

The preparation of teachers-in-training for the presentation of the revised course of study for the elementary schools will, therefore, not involve the creation of any new philosophy of education. The basic principles formulated by educators in the past are still applicable. It will be the duty of the Normal Schools to assist their students in the proper application of these principles in the revised elementary course, and to guard them against fallacious beliefs that are not implied in the course itself but may arise from extravagant statements of enthusiasts who regard the course as wholly new and revolutionary.

4. Summary of Attendance at the Normal Schools

School	Number of Students			
	1937-38			1936-37
	Men	Women	Total	Total
Hamilton	20	110	130	108
London	21	119	140	89
North Bay	8	57	65	88
Ottawa	23	105	128	141
University of Ottawa (1st)	12	14	26	27
" " (2nd)	34	138	172	193
Peterborough	14	72	86	80
Stratford	21	74	95	96
Toronto (First Class)	43	182	225	246
" (Kindergarten Primary)	....	20	20	14
Total	196	891	1,087	1,082

5. Changes in Staffs

Since my last report several changes have occurred in the Normal School and the Model School staffs.

In June, 1937, Miss Ambia L. Going, B.A., Instructor in Art in the Peterborough Normal School, died after a long illness. Her death was a great loss to the staff. She was an efficient and inspiring teacher. Her place has been filled by Miss Constance Wagar.

At the end of the 1936-37 session, Sugden Pickles, Manual Training Instructor in the London and Stratford Normal Schools, retired after thirty-four years of service. Mr. Pickles was one of a group of teachers who came out from England at the beginning of the century to introduce into Ontario what was at that time a new educational activity. He was a pioneer in the manual training movement in Canada, and he shares in the credit which its success has brought. A. F. Hagerman, formerly of the Peterborough Normal School staff, succeeded

Mr. Pickles, and W. F. Stricker has added the manual training work at Peterborough to similar duties at Hamilton.

J. H. Davidson, B.A., B.Paed., Mathematical Master in the Hamilton Normal School for the past sixteen years, retired at the close of the past session. He had a long and varied experience in the primary and secondary schools of the Province, and entered the Normal School well fitted for training teachers, a work in which he has been eminently successful. His place will be taken by J. V. McIntyre, B.A., B.Paed., of the Peterborough Normal School.

Miss Elizabeth Cluff, B.A., retired in June from the staff of the Normal Model School at Ottawa where she has given efficient and devoted service for thirty years.

Mrs. Helen Mayberry, Art Instructor at the Stratford Normal School, retired at the close of the recent session. She was appointed to the staff at the opening of the school in 1908 and has given excellent service ever since that time.

David Whyte, B.A., B.Paed., Principal of the Toronto Normal School, unexpectedly announced his resignation in July. He entered the service of the Department in 1909 as Science Master in the Toronto Normal School, and was for three years Principal of the Hamilton Normal School. In 1929 he was transferred to the principalship at Toronto, and in that capacity has ably maintained the traditions of the senior training school of Ontario. His premature retirement will be much regretted throughout the Province.

6. The Passing of Duncan Walker

Duncan Walker, B.A., late Director of Professional Training, died at his home in Peterborough on July 21. Mr. Walker had had a long and distinguished career in the field of education. After some years' teaching experience in the public and high schools, he was appointed inspector of the public schools of Peterborough. After the reorganization of the training school system of the Province in 1907, he was mathematical master in the London Normal School for a year, and on the establishment of the Peterborough Normal School in 1908, he was appointed the first principal. This position he held with marked success for twenty-one years. In 1929 he was made Director of Professional Training, and under his supervision many improvements were made in the training of teachers. He will be held in affectionate memory by many thousands of teachers who came under his instruction, by members of the training school staffs, and by his former colleagues in the Department of Education.

In concluding this report, I wish to pay a well deserved tribute to the efficiency and devotion of the members of the training school staffs, including the critic teachers of the practice schools. Their sincere and enthusiastic co-operation in carrying out the policies of the Department of Education in the training of teachers is worthy of all praise.

W. J. Karr,
Director of Professional Training.

Toronto, July 30th, 1938

APPENDIX D

REPORT OF THE DIRECTOR OF FRENCH INSTRUCTION ON THE SCHOOLS ATTENDED BY FRENCH-SPEAKING PUPILS, 1937.

Appointments and Transfers

The writer was appointed Director of French Instruction in April, 1937, and entered upon his new duties on June 1st, 1937. Mr. A. J. Bénéteau, B.A., the former incumbent of the office, was transferred to the teaching staff of the University of Ottawa Normal School. Mr. Bénéteau, who formerly had been Assistant-Master in the Sandwich Teachers' Training School, has acquired through his many years of association with the schools attended by French-speaking pupils, a fund of knowledge and experience which should be of great value in the training of French-speaking student-teachers.

Mr. Adélard Gascon, B.A., was transferred from R.C. Separate Division II and District Division VII, Part II, Sudbury, to R.C. Separate Division VII, to begin duties on September 1st, 1937, with residence in Windsor.

Mr. Laurier Carrière, B.A., formerly principal of Garneau School, Ottawa, was appointed to R.C. Separate Division II and District Division VII, Part II. He began his duties on September 1st, 1937, with residence in Sudbury.

Mr. Lucien Laplante, M.A., formerly on the teaching staff of the University of Ottawa, was appointed to R.C. Separate Division XIX and District Division XII, Part II, with residence in Ottawa. His duties began on November 1st, 1937.

Improvement in the Qualifications of Teachers

A continued improvement in the qualifications of French-speaking teachers was observed during 1937. The following table shows the marked progress that was achieved in this regard since 1929.

Total number of teachers under French-speaking inspectors, Nov. 1937	1,281
Total number of teachers holding I or II class certificates, Nov. 1937	1,018
Total per cent. of teachers holding I or II class certificates, Nov. 1937	79.46
Total per cent. of teachers holding I or II class certificates, Nov. 1936	74.94
Total per cent. of teachers holding I or II class certificates, Nov. 1929	25.11

It is expected that in September, 1939, approximately 90 per cent. of the schools attended by French-speaking pupils will be in charge of graduates of the University of Ottawa Normal School holding First or Second Class certificates. At that time, it is hoped, it may be possible to discontinue the use of the circular, Instructions No. 20, which sets forth the conditions under which certificates lower than Second Class may be extended and temporary certificates issued for French-speaking teachers.

Age-Grade Distribution of Pupils in Elementary Schools

The following tables present a compilation of the French-speaking School Inspectors Annual Age-Grade Summary Reports for May, 1937:—

Table No. 1—Age-Grade Distribution in Separate Schools Attended by French-Speaking Pupils, May, 1937

(a) RURAL SCHOOLS

		Under 5 yrs.	5 yrs.	6 yrs.	7 yrs.	8 yes.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 yrs. and over	Totals	Totals by Grades
GRADE I......	Boys	2	62	514	918	784	434	220	101	61	22	11	4	......	......	......	......	3,133	5,474
	Girls	1	93	402	688	579	338	133	59	29	16	3	......	......	......	......	......	2,341	
GRADE II.....	Boys	......	......	6	60	243	250	265	145	85	45	9	2	......	......	......	......	1,110	2,265
	Girls	......	......	7	84	286	358	216	112	53	20	9	8	2	......	......	......	1,155	
GRADE III....	Boys	......	......	......	2	40	130	162	125	77	46	11	4	1	......	......	......	598	1,133
	Girls	......	......	......	2	48	148	164	99	42	16	15	......	1	......	......	......	535	
GRADE IV....	Boys	......	......	......	......	10	98	173	209	159	99	38	11	2	......	......	......	799	1,566
	Girls	......	......	......	......	39	157	219	175	119	38	15	3	2	......	......	......	767	
GRADE V.....	Boys	......	......	......	......	1	37	128	234	255	182	84	27	6	......	......	......	954	1,904
	Girls	......	......	......	......	5	40	205	321	217	113	41	6	2	......	......	......	950	
GRADE VI....	Boys	......	......	......	......	......	2	26	108	189	187	101	36	9	1	......	......	659	1,480
	Girls	......	......	......	......	......	2	50	210	253	193	77	35	1	......	......	......	821	
GRADE VII...	Boys	......	......	......	......	......	......	......	21	87	149	120	80	11	3	......	......	471	1,057
	Girls	......	......	......	......	......	1	10	51	138	197	124	52	12	1	......	......	586	
GRADE VIII...	Boys	......	......	......	......	......	......	......	4	25	109	140	213	39	15	3	......	548	1,109
	Girls	......	......	......	......	......	......	......	4	57	186	179	101	27	7	......	......	561	
GRADE IX....	Boys	......	......	......	......	......	......	......	......	2	9	13	17	13	3	2	......	59	189
	Girls	......	......	......	......	......	......	......	1	2	18	36	43	22	7	1	......	130	
GRADE X.....	Boys	......	......	......	......	......	......	......	......	......	1	6	18	18	14	7	......	64	163
	Girls	......	......	......	......	......	......	......	......	......	4	15	34	22	14	4	6	99	
TOTALS BY SEXES......	Boys	2	62	520	980	1,078	951	974	947	940	849	533	412	99	36	12	......	8,395	
	Girls	1	93	409	774	957	1,044	997	1,032	910	801	514	282	91	29	5	6	7,945	
GRAND TOTALS..	......	3	155	929	1,754	2,035	1,995	1,971	1,979	1,850	1,650	1,047	694	190	65	17	6	16,340	16,340

NOTE:—Heavy lines denote ideal age spread for each grade.

(b) URBAN SCHOOLS

		Under 5 yrs.	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 yrs. 19 over	Totals	Totals by Grades
GRADE I.....	Boys	.....	5	698	1,289	913	461	198	84	44	19	9	3	1	.....	.....	.....	3,724	6,842
	Girls	.....	7	653	1,233	753	270	117	59	15	9	1	1	.....	.....	.....	.....	3,118	
GRADE II....	Boys	.....	.....	11	189	536	548	363	186	97	49	23	8	.....	.....	.....	.....	2,010	3,924
	Girls	.....	.....	3	215	620	569	276	132	61	28	8	1	1	.....	.....	.....	1,914	
GRADE III...	Boys	.....	.....	.....	4	106	310	267	219	128	83	33	12	4	.....	.....	.....	1,166	2,228
	Girls	.....	.....	.....	13	116	296	297	183	101	36	12	6	1	1	.....	.....	1062	
GRADE IV...	Boys	.....	.....	.....	8	32	289	402	381	251	175	93	38	7	1	.....	.....	1,677	3,112
	Girls	.....	.....	.....	2	64	329	423	294	183	96	37	7	.....	.....	.....	.....	1,435	
GRADE V....	Boys	.....	.....	.....	.....	4	74	283	411	336	300	153	85	28	1	.....	.....	1,675	3,342
	Girls	.....	.....	.....	.....	2	102	344	440	372	240	114	45	8	.....	.....	.....	1,667	
GRADE VI...	Boys	.....	.....	.....	.....	.....	3	85	273	383	354	206	155	27	3	.....	.....	1,489	2,950
	Girls	.....	.....	.....	.....	.....	2	92	328	420	338	199	70	10	2	.....	.....	1,461	
GRADE VII..	Boys	.....	.....	.....	.....	.....	.....	4	94	229	325	298	221	74	14	2	.....	1,961	2,359
	Girls	.....	.....	.....	.....	.....	.....	7	82	254	307	264	139	36	9	.....	.....	1,098	
GRADE VIII.	Boys	.....	.....	.....	.....	.....	.....	1	22	80	181	233	221	112	26	1	.....	877	1,909
	Girls	.....	.....	.....	.....	.....	.....	3	20	138	275	285	223	70	17	1	.....	1,032	
GRADE IX...	Boys	.....	.....	.....	.....	.....	.....	.....	.....	17	53	93	101	51	20	3	.....	338	606
	Girls	.....	.....	.....	.....	.....	.....	.....	2	6	32	81	83	49	13	1	1	268	
GRADE X....	Boys	.....	.....	.....	.....	.....	.....	.....	.....	.....	14	49	78	62	35	17	1	256	499
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	1	7	33	78	80	31	12	1	243	
AUXILIARY CLASSES...	Boys	.....	.....	.....	.....	.....	.....	.....	.....	8	10	32	40	22	2	.....	.....	114	192
	Girls	.....	.....	.....	.....	1	.....	5	9	2	12	18	22	5	3	1	.....	78	
TOTALS BY SEXES......	Boys	.....	5	709	1,490	1,592	1,685	1,608	1,670	1,573	1,563	1,222	962	388	102	23	2	14,594	
	Girls	.....	7	656	1,463	1,555	1,568	1,559	1,549	1,553	1,380	1,052	675	260	76	15	1	13,369	
GRAND TOTALS.	......	.....	12	1,365	2,953	3,147	3,253	3,167	3,219	3,126	2,943	2,274	1,637	648	178	38	3	27,963	27,963

NOTE:—Heavy lines denote ideal age spread for each grade.

(c) Rural and Urban Schools

	Under 5 yrs.	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 yrs. and over	Per cent.	Totals by Grades
GRADE I........	3	167	2,267	4,128	3,029	1,503	668	303	149	66	24	8	1	......	......	......	27.80	12,315
GRADE II.......	......	......	27	548	1,685	1,725	1,120	575	296	142	49	19	3	......	......	......	13.97	6,189
GRADE III......	......	......	......	21	310	884	890	626	348	181	71	22	7	1	......	......	7.59	3,362
GRADE IV.......	......	......	......	10	145	873	1,217	1,059	712	408	183	59	11	1	......	......	10.56	4,768
GRADE V.......	......	......	......	......	12	253	960	1,406	1,180	835	392	163	44	1	......	......	11.84	5,246
GRADE VI.......	......	......	......	......	......	9	253	919	1,245	1,072	583	296	47	6	......	......	10.00	4,430
GRADE VII......	......	......	......	......	......	1	21	248	708	978	806	492	133	27	2	......	7.72	3,416
GRADE VIII.....	......	......	......	......	......	......	4	50	300	751	837	758	248	65	5	......	6.81	3,018
GRADE IX......	......	......	......	......	......	......	......	3	27	112	223	244	135	43	7	1	1.79	795
GRADE X.......	......	......	......	......	......	......	......	......	1	26	103	208	182	94	40	8	1.49	662
AUXILIARY CLASSES.....	......	......	......	......	1	......	5	9	10	22	50	62	27	5	1	......	.43	192
TOTALS.....	3	167	2,294	4,707	5,182	5,248	5,138	5,198	4,976	4,593	3,321	2,331	838	243	55	9	....	44,303

Note:—Heavy lines denote ideal age spread for each grade.

Table No. 2—Analysis of Age-Grade Distribution in Relation to Ideal Age Spread in Rural and Urban Separate Schools Attended by French-Speaking Pupils, May, 1937

GRADE	Under Ideal Age Spread		Within Ideal Age Spread		Over Ideal Age Spread	
	Number	Per cent.	Number	Per cent.	Number	Per cent.
I	3	0.03	6,562	53.28	5,750	46.69
II	....	....	2,260	36.52	3,929	63.48
III	....	....	1,215	36.13	2,147	63.87
IV	10	.21	2,235	47.77	2,433	52.02
V	12	.22	2,619	49.94	2,615	49.84
VI	9	.20	2,417	54.56	2,004	45.24
VII	22	.64	1,934	56.62	1,460	42.74
VIII	54	1.78	1,888	62.58	1,076	35.64
IX	30	3.77	579	72.84	186	23.39
X	27	4.08	493	74.47	142	21.45
Totals	167	.37	22,202	50.34	21,742	49.29

NOTE:—The above figures are for Separate schools only. There are also 3,183 French-speaking pupils (May, 1937) attending Public schools under the supervision of French-speaking inspectors. Similar information for these Public schools will be given in subsequent annual reports.

Table No. 3—Grade-Enrolment Distribution in Schools Attended by French-Speaking Pupils, May, 1937

(a) SEPARATE SCHOOLS

Grades	Rural		Urban		Rural and Urban	
	Number	Per cent.	Number	Per cent.	Number	Per cent.
I-IV	10,438	63.87	16,106	57.60	26,544	59.92
V-VIII	5,550	33.98	10,560	37.77	16,110	36.37
IX-X	352	2.15	1,105	3.95	1,457	3.28
Auxiliary	....	....	192	.68	192	.43

NOTE:—For detailed statistics, see Table 1 (a), (b) and (c).

(b) PUBLIC SCHOOLS

Grades	Rural		Urban		Rural and Urban	
	Number	Per cent.	Number	Per cent.	Number	Per cent.
I-IV	1,530	66.75	525	58.92	2,055	64.55
V-VIII	758	33.07	353	39.61	1,111	34.91
IX-X	4	.18	13	1.47	17	.54

(c) SEPARATE AND PUBLIC SCHOOLS

Grades	Rural		Urban		Rural and Urban	
	Number	Per cent.	Number	Per cent.	Number	Per cent.
I-IV	11,968	64.23	16,631	57.64	28,599	60.23
V-VIII	6,308	33.86	10,913	37.83	17,221	36.27
IX-X	356	1.91	1,118	3.87	1,474	3.10
Auxiliary	....	....	192	.66	192	.40

A study of the foregoing statistical information reveals the following facts:—

1. The number of pupils enrolled in Grades I to IV constitutes more than 60 per cent. of the total school enrolment.

2. Nearly 50 per cent. of the total enrolment in the Separate schools is made up of pupils who are over the ideal age spread for their grades. This retardation is especially noticeable in Grades I to IV.

3. While the age of the pupils enrolled in Grades V to X is more in keeping with the ideal age spread for the various grades, it would seem that this enrolment is made up of a selected group of pupils, the others having dropped out gradually before reaching the higher grades of the school. The fact that a considerable number of pupils leave the public or separate schools, especially after Grade VIII, to enter secondary schools or private institutions such as colleges and convents, explains to a certain extent the relatively small enrolment in Grades IX and X.

French-speaking teachers and inspectors as well as the members of the teaching staff of the University of Ottawa Normal School were made cognizant of the above statistics. At teachers' conventions and at conferences of inspectors and Normal School masters held during the year, causes underlying this unfortunate situation in schools attended by French-speaking pupils were thoroughly studied and remedial measures suggested and adopted.

The importance of a careful and systematic training of the children in the use of their mother-tongue by means of frequent and well selected oral and written language exercises cannot be stressed too strongly throughout the elementary school course and more particularly in the lower grades of the school. Progress in the other subjects of study depends largely upon the pupils' proficiency in speaking, reading, and writing their mother-tongue clearly and accurately. The necessity of a greater number of suitable text-books, both for the pupils and the teachers, in order to attain the desired objectives in schools attended by French-speaking pupils is well recognized. Provision should be made in the near future, therefore, to ensure the revision of the texts now in use and the preparation of other books required by French-speaking pupils and teachers. In the meantime, teachers and inspectors should spare no effort to supplement their present equipment with the best available conversation exercises, reading selections, pictures, and appropriate library books.

It is hoped that subsequent annual reports will reveal much improvement in the general attainments of French-speaking pupils, as shown by their age-grade distribution in the elementary schools.

Secondary School Classes

Besides the 1,474 pupils enrolled in Grades IX and X of the elementary schools, there are 872 French-speaking pupils pursuing their studies in the Lower, Middle and Upper School departments of High Schools and Collegiate Institutes in which advanced courses in French Grammar, French Literature and French Composition are being offered. Approximately 500 students are taking these same courses in private schools and colleges. While there is room for improvement in the general results obtained in French in these secondary school classes, it is evident that on the whole a sincere effort is being put forth by teachers and students to achieve as much success as possible under the present circumstances.

University of Ottawa Normal School

In the spring of 1937, there was a total enrolment of 219 teachers-in-training in the University of Ottawa Normal School. Out of the 26 students enrolled in the First Class course, 20 were successful in obtaining their certificates. The Second Class course was attended by 193 students, 118 of whom were awarded their teaching certificates. It is hoped that the number of French-speaking students seeking First Class certificates will increase materially within the next few years.

ROBERT GAUTHIER,
Director of French Instruction.

Toronto, April 29th, 1938.

APPENDIX E

REPORT OF THE PRINCIPAL OF THE ONTARIO TRAINING COLLEGE FOR TECHNICAL TEACHERS

As no report of the activities of the Training College has been made since that for the summer session of 1935, this report will deal with the period since that time.

The Training College was closed during the winter session of 1935-36. It reopened again in the summer of 1936.

Summer courses were offered in 1936 in the following departments, with the following enrolment:

Vocational Certificate Courses	43
Sewing and Dressmaking	33
Elementary Manual Training	84
Specialist Manual Training	18
Elementary Household Science	158
Total	336

In September 1936 the regular course leading to the Ordinary Vocational Certificate, valid in a Technical School, opened with 24 students in attendance.

In 1936-37, as in previous years, applicants who had an Elementary Certificate in Manual Training were granted credit for the autumn term of the year course for the Intermediate Certificate. A sufficient number of applicants with this qualification appeared during the autumn of 1936, to require the re-establishment of the course for the Intermediate Certificate in January, 1937. The course began January 4th with 19 students in attendance.

Saturday classes in the work leading to the Elementary Manual Training Certificate, Part I, were offered during the school year 1936-37. The classes began October 24th and continued to May 8th, with an enrolment of 50.

Summer Sessions, 1937

One of the important changes made in the new curriculum announced in 1937 was the provision of practical or shop work in the schools. For boys this practical work includes manipulative experiences in tools and materials; for girls it includes experiences in sewing, cooking and home management. As this provision requires on the staff of each school, at least of each secondary school, one or more teachers capable of giving instruction in practical work, and as nearly all certificated manual training teachers and household science teachers were already engaged in full time instruction, there promised to be a scarcity of teachers of these subjects. Accordingly provision was made for a considerable increase in the number who would take in 1937 the summer courses in manual training and in household science. Classes were offered in these subjects in Ottawa as well as in Hamilton. A special course in general shop work, designed to meet the immediate needs of teachers in the smaller schools, where part-time service in shop work would be required, was offered.

In addition to the classes in manual training and household science the usual summer school classes for vocational teachers were offered.

The enrolment in the summer school of 1937 was substantially greater than had been planned for, and additional accommodation and staff had to be obtained during the first days of the summer session. The enrolment was as follows:

Summer Sessions, 1937

(a) Manual Training	
1. *Hamilton*	
Elementary Manual Training, Part I	113
Elementary Manual Training, Part II	63
General Shop, Part I	16
Special Course in Shop Work, Part I	120
Specialist Manual Training	18
2. *Ottawa*	
Elementary Manual Training, Part I	29
Elementary Manual Training, Part II	8
(b) Household Science	
1. *Hamilton*	
Elementary Household Science, Part I	151
Elementary Household Science, Part II	95
2. *Ottawa*	
Elementary Household Science, Part I	108
Elementary Household Science, Part II	11
(c) Vocational Course	
Specialist	29
Ordinary Permanent	7
Special	3
Special Course "B", Part I	25
Special Course "B", Part II	9
Total	805

School Year, 1936-37

The total enrolment for the school year 1936-37 was as follows:

Ordinary Vocational Certificate—Year Course	24
Intermediate Manual Training Certificate—Year Course	19
Elementary Manual Training Certificates, Part I, Saturday Classes	50
Summer Session, 1937	805
Total	898
Duplications	77
Individuals	821

In the school year beginning in September 1937 courses for the following certificates were conducted:

Ordinary Vocational Certificate,
Intermediate Manual Training Certificate,
Elementary Manual Training Certificate, Part I,
Elementary Household Science Certificate, Part I.

The manual training and household science classes were held on Saturday and in Hamilton and Ottawa.

The General Shop

The primary or chief value of practical work, industrial arts, manual training, or whatever it may be called, is to give meaning to and understanding of the things about us, the materials, the tools, the mechanical devices, and the inventions, met with in everyday life. It provides an opportunity, too often not available to the urban-bred boy, to exercise his instinctive tendency to use tools, to make things, to explore environment, to be inquisitive about materials and machines. It provides an enrichment of experience similar to that obtained from sports, extra-curricular activities, visits to factories and exhibitions. In pioneer days, adolescents obtained this experience, part of a real education, out of school. In these days of a complex society, with mass production methods and differentiated specialized occupations, children, and especially children brought up in towns and cities, are denied realistic practical experiences. One is not really educated who has not some understanding of the industrial arts and crafts, some idea of the methods of production, distribution and use of the material things about him. Manual training is a part of the general education of all pupils.

It has some secondary or incidental values which should not be confused with its primary purpose. Manual training may have exploratory, consumer, handyman, avocational or prevocational values. Perhaps the most important from the point of view of the school is the exploratory or finding value, the discovery of the presence of certain interests and aptitudes, or, of no less importance, the discovery of their absence.

If shop work is to meet the objectives set out it must provide practical experiences in a wide range of activities. Accordingly the new manual training course offers manipulative experiences in the fields of woodwork, machine shop practice, motor mechanics, electrical work, sheet metal work and farm mechanics.

This concept of practical work means a different kind of shop and a different kind of teacher, than that required by the traditional manual training course, in which tool work was confined largely to wood. The new shop should be equipped with tools, materials, and machines representative of the fundamental operations or processes of the chief industrial occupations.

The General Shop Teacher

The new general shop course has involved some changes in the courses of training for manual training teachers. In order to avoid increasing the number of kinds of certificates by issuing a new type called General Shop Certificate it was thought advisable to retain the title Manual Training Certificate, and to revise the course of training for these certificates. Courses for the following types of certificates are now provided.

1. Elementary Manual Training Certificate, Type A, valid for teaching shop work in the smaller secondary schools where the teacher will be engaged

part-time in teaching shop work. This course includes work in mechanical drawing, woodwork, metal work, motor mechanics and electrical work, and takes two summer courses of 200 hours each.

2. Elementary Manual Training Certificate, Type B, valid for teaching manual training in rural schools. This course is the old elementary course, and takes two summer courses of 125 clock hours each.

3. Intermediate Manual Training Certificate, valid for full-time positions in Public, Separate, Continuation and High Schools. The course for this certificate takes one school year, and includes training in all the shop activities that may be found in a general shop. The requirement for admission is an elementary certificate, either Type A or B.

Provision has been made for admitting to this course graduates of an approved four year industrial course in a Technical School. Students admitted under this provision are required to take a second year in the Training College, used for teacher training and general education.

4. Specialist Certificate, valid in Collegiate Institutes. The Course for this certificate takes three summer sessions of 200 hours each, and includes further training in cabinet-making and wood finishing, in machine shop practice, motor mechanics, electrical work, and art metal work. Extension courses in the new activities are provided for teachers who obtained specialist certificates under the former requirements.

To provide facilities for training general shop manual training teachers, a new shop was fitted up at the Training College during the autumn of 1937. This new shop is equipped with benches, tools and machines to give some training in machine shop practice, sheet metal work, motor mechanics, electrical work, forging, acetylene welding and farm mechanics. Mr. J. A. G. Easton was appointed shop director in charge of the new shop course in September, 1937.

Supply of Teachers

The supply of vocational teachers for the technical schools is barely equal to the demand. During the past year technical schools have had some difficulty in finding suitable certificated teachers in certain fields. In some cases they have had to make temporary arrangements to employ uncertificated craftsmen. The number of pupils in the technical school has been increasing rapidly without a commensurate increase in the number of teachers. Many of the technical schools are understaffed. Local school authorities are aware of the situation but for want of money are not able to meet it. As soon as the schools are provided with more funds there will be a sharp demand for more shop teachers. The visibile supply will not meet the demand.

In the case of manual training or general shop teachers there are few available for full-time positions. As soon as the schools feel free to establish the general shop course of the revised curriculum, a large number of qualified teachers will be needed, both for the part-time and for the full-time general shop teachers. Here again it appears that the supply will not meet the demand.

F. P. Gavin,
Principal.

Hamilton, May 1st, 1938.

APPENDIX F

REPORT OF THE INSPECTOR OF AGRICULTURAL CLASSES

Some thirty-five years have passed since the first movement to introduce Nature Study and School Gardening in several schools in Eastern Ontario was started under the Macdonald scheme, and it is nearly twenty-five years since the programme of agricultural instruction in elementary schools in which special grants were provided for boards and teachers was first introduced. During these years a marked change in the attitude of trustees and parents towards such instruction has taken place and the courses as now outlined are generally approved and taught in practically all elementary schools, although for the school year 1936-37 special grants were claimed in but 70.4 per cent. of the schools. This pioneer work of the past has made possible the inclusion of practical agricultural topics in the new courses for Grades I to VI which were introduced in September, 1937, and has marked the completion of the objective of those who first promoted the introduction of these studies in 1903 and 1913, i.e., provision for teaching facts related to Nature Study, Gardening and Agriculture as a part of the regular course in the elementary schools.

The qualifications of teachers today are much superior to those of earlier years. All teachers now receive instruction in these subjects in the Normal School course, and more than half of those teaching hold a special certificate in Agriculture. More attention is being given to practical activities in which pupils, under the direction of the teacher and with the approval and co-operation of school boards, are making improvements in the appearance of the school grounds by caring for the lawn, and planting flower and shrubbery beds. Many schools, both urban and rural, provide a school garden programme which is of great interest and value to the pupils and which is fully approved by boards and parents. In many districts, Inspectors have systematically urged the purchase of a lawn mower and its use by pupils at the school. In several inspectorates a definite programme for the improvement and beautification of school grounds has been undertaken. It is evident that, in many cases, trustees and people of the community fully realize that the school is a community responsibility and that in appearance and appointments it should represent the best ideals of the community. Beautification of school grounds is also increasing because, when one school shows what can be done, others seek to equal it.

The School Fair programme conducted jointly by the Departments of Agriculture and Education provides an Achievement Day on which boys and girls may display the product of the garden and field, live stock, poultry or other projects, in competition with pupils from their own and other schools. These fairs are a meeting place for parents and older people of the district and have, in the past, done a great deal to foster the development of agricultural education in the elementary school. Many of the projects related to school fair activities may be carried out as a part of the school programme and provision is made in the course of studies for these activities. In many instances pupils who find an interest in exhibiting at the School Fair continue this interest in Club work among Junior Farmers and Junior Farm Women, and, later, in the Rural Fall Fairs and larger central exhibitions.

Agricultural instruction in the schools is gradually convincing farmers that there is a science of agriculture and that it is a field of endeavour worth studying. But the change has come slowly and gradually and it has taken more than one generation to bring about the present development.

In Grades VII and VIII the optional character of the courses in Agriculture is being maintained and an effort will be made to emphasize, even more than in the past, the practical applications of the topics studied.

In secondary schools a marked advance has been made during the year in the introduction of agricultural courses. Twenty-one schools introduced Agricultural Science of Grade IX in September. In practically every case the board has provided the special equipment necessary for teaching the topics on dairying and poultry, and has also provided tools and a suitable area for a school garden. This increase is most gratifying as it indicates a greater realization of the need of instruction in Agriculture in schools serving rural areas. In all schools taking the work, an effort is being made to lay stress upon the practical phases which will be of value to many of the boys and girls taking the subject.

Two years ago, seeds of four legumes and twelve grasses were distributed to all the schools having school gardens. Each kind of seed was sown in a row about one rod long. Seeds were not allowed to mature, the purpose of the experiment being to determine the comparative growth of each variety. Some good results have followed. Additional seeds have been supplied where needed, and more than two-thirds of the schools have had a part in this project.

The subsequent paragraphs of this report deal with the progress of Agricultural instruction in the elementary schools, secondary schools, summer schools and the Normal Schools.

Public and Separate Schools

The number of schools which have met the requirements of the Regulations and qualified for grants for Form III, Form IV, and Form V, since 1903, is given in the abbreviated table following:

Year	Number of Schools	With School Gardens	With Home Gardens
1903	4	....	....
1913	159	....	....
1914	264	208	56
1920	1,648	702	946
1928	3,395	1,059	2,336
1932	4,906	1,344	3,562
1934	5,201	1,594	3,607
1936	5,534	1,619	3,915
1937	5,065	1,580	3,485

The figures for 1937 are based on the number of reports received at the Department for the school year ending June 30th, 1937, and show that agricultural instruction was given in 70.4 per cent. of all the elementary schools and in 74.1 per cent. of all rural schools and 50.7 per cent. of all urban schools. The decrease in 1937 as compared with 1936 is due to changes in the Regulations effective from January 1st, 1936, when grants to uncertificated teachers were withdrawn. As a result, in many schools served by such teachers, no report was made, though the courses in Agriculture as detailed in Circular 56F were followed.

For the past two years improvement of school grounds has been encouraged, and a higher standard for school gardens required. The decrease in the number of school gardens in 1937, as compared with 1936, is due to the above factors.

The following table shows the number of certificates held by teachers engaged in the work for the years given:

Year	Elementary	Elementary Part I	Intermediate	Intermediate Part I	Totals
1934	1,552	86	144	10	1,792
1935	1,957	106	163	16	2,242
1936	2,092	208	188	22	2,510
1937	2,351	502	218	42	3,113

It will be noted that reports were received in 1934 from 5,201 schools in which 1,792 teachers were certificated, and that, for 1937, reports were received from 5,065 schools in which 3,119 teachers were certificated. This noteworthy increase in certificated teachers over a four-year period is partly due to the fact that each year a larger number of boards are requiring teachers who hold certificates in Agriculture.

In addition to the courses for Form III and Form IV, Agriculture of the Lower School course was taken in fifth classes of 585 schools under the Regulations for Public and Separate Schools. The Lower School courses taught by a teacher holding an Intermediate Certificate are taken under the High School Regulations in the following schools: Britt Consolidated; S.S. No. 7 Biddulph, Granton; Elizabeth Ziegler Public School, Waterloo; R.C.S.S. No. 6 Ellice and Logan, Kinkora; General Mercer Public School, Toronto; Hespeler Public School; Innerkip Public School; Mayfair Public School, No. 5 Sandwich East; Mono Mills Public School; Central School, Port Arthur; Port McNicoll Public School; Port Stanley Public School; St. Michael's Separate School, Cobourg; St. Peter's Separate School, Peterborough; St. Raphael's West Separate School; Victoria Public School, Kitchener; R.C.S.S. No. 8 Windham, La Salette; Tecumseh Public School.

Secondary Schools

Instruction in Agriculture in secondary schools is provided under three schemes as stated below and may be taken in those schools which meet the requirements of the Department of Education.

1. Optional classes in Lower and Middle School as a part of the course for Normal Entrance or Matriculation.
2. Department of Agriculture under the High Schools Act.
3. Department of Agriculture under the Vocational Education Act.

Under scheme (1) above, Agriculture was taught during the year in the schools listed below. Under (a) are the schools in which Lower School courses only are taken, and under (b) both Lower and Middle School courses.

Collegiate Institutes

(a) Clinton, Cornwall, Goderich, Ingersoll, Oshawa, Perth, *Seaforth, York Memorial, Vaughan Road. Total, 9.

(b) Barrie, Belleville, Brockville, Cobourg, East York, Fort William, Kitchener, Lindsay, Napanee, Orillia, Picton, Port Arthur, Renfrew, Runnymede, Scarborough, Smith's Falls, Stamford, Strathroy. Total, 18.

*Introduced Agriculture in September, 1937.

High Schools

(a) *Alexandria, *Arthur, Bracebridge, *Chesterville, Cobalt, Durham, Englehart, Essex, Etobicoke, *Flesherton, *Forest, *Gananoque, Kapuskasing, Kemptville, *Lakefield, Lucan, *Madoc, Markham, Mattawa, *Maxville, Meaford, Merritton, *Morewood, *Mount Forest, Niagara-on-the-Lake, *Omemee, *Orangeville, Port Credit, Shelburne, *Streetsville, Tilbury, Trenton, Wingham. Total, 33.

(b) Alliston, Amherstburg, Athens, Beamsville, Bowmanville, Brighton, Burford, Burlington, Caledonia, Cayuga, Dundas, Dunnville, Elmira, Fergus, Fort Frances, Grimsby, Hagersville, Haileybury, Iroquois, Kincardine, Kingsville, Leamington, Listowel, Markdale, Midland, Milton, Mitchell, Nepean (Westboro P.O.), Newburgh, New Liskeard, Norwich, Norwood, Oakville, Petrolia, Port Elgin, Port Perry, Ridgetown, Ridgeway, Rainy River, Saltfleet (Stoney Creek P.O.), Simcoe, Smithville, Stirling, Tweed, Waterdown, Waterford, Watford, Whitby, Winchester, Uxbridge. Total, 50

Continuation Schools

(a) Ailsa Craig, Ayr, Beaverton, Bothwell, Burk's Falls, *Chatsworth, Coldwater, Eganville, Fordwich, *Grand Valley, *Harrow, *Inglewood, Melbourne, Merlin, *Thamesville, *Tiverton. Total, 16.

(b) Agincourt, Brooklin, Brownsville, Comber, Drayton, Drumbo, Embro, Florence, Ilderton, Little Britain, Lobo (Ilderton R.R. No. 2), Lynden, Lyndhurst, Merrickville, Mindemoya, Mount Albert, Mount Brydges, Mount Elgin, Mount Pleasant, New Dundee, New Hamburg, Orono, Pelham (Fenwick P. O.), Princeton, St. George, Sparta, Sundridge, Tamworth, Teeswater, Thamesford, Wheatley, Woodville. Total 32.

A summary of the above shows that Agriculture is now taken in twenty-seven Collegiate Institutes, eighty-three High Schools, and forty-eight Continuation Schools. During the year the work was introduced in one Collegiate Institute, thirteen High Schools, and six Continuation Schools. Both Lower and Middle School courses are taken in one hundred schools.

The following abbreviated table shows the development in this phase of instruction since its beginning in 1913 and the number of schools now taking the work.

Year	Collegiate Institutes	High Schools	Continuation Schools	Total
1913	....	1	1	2
1918	8	13	4	25
1923	8	23	4	35
1928	14	44	23	81
1933	24	54	33	111
1934	25	61	36	122
1935	26	67	40	133
1936	26	68	43	137
1937	27	83	48	158

One hundred and ninety-six teachers are engaged in giving instruction in Agriculture. Of this number, one hundred and three hold the Specialist certificate, eight-one being graduates of the Ontario Agricultural College.

The following schools are taking work under the scheme indicated in (2) above: Drayton, Elmira, Listowel, Port Perry, Wheatley, and Whitby. Additional time is given to Agriculture and practical phases of the subject are stressed. At Port Perry and Whitby provision is made for Shop Work for boys and Home Economics for girls. These activities will be provided for in the new school being erected at Elmira.

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*Introduced Agriculture in September, 1937.

Under (3) above, the following schools are qualifying for grants under the Vocational Education Act: Beamsville, Kemptville, Renfrew, Ridgetown, Stamford and Simcoe. In several of these schools additional shop equipment has been purchased to provide for additional activities in the new General Shop Courses. In all a very satisfactory type of work is being done and the courses offered are meeting the needs of the pupils and the approval of trustees and parents.

Summer Courses

The attendance at the Summer Courses in Agriculture at Guelph and Kemptville in 1937 surpassed all previous records as shown in the tables below. The course for the Specialist certificate was not given. In spite of large classes which taxed accommodations, the character of the work done was quite satisfactory and the results of a standard equal to those of previous years.

The following table shows the attendance at the Summer Courses for the past five years:

Attendance at the Ontario Agricultural College, Guelph

Year	Elementary		Intermediate			Inspectors	Farm Mechanics	Total
	I	II	I	II	III			
1933	107	123	35	39	......	3	13	320
1934	112	95	38	45	12	1	17	320
1935	188	112	61	46	......	2	....	409
1936	414	223	79	72	......	3	24	815
1937	368	408	88	79	......	3	23	969

Attendance at the Agricultural School, Kemptville

Year	Part I Elementary	Part II Elementary	Total
1933	26	30	56
1934	19	28	47
1935	116	40	156
1936	220	110	330
1937	187	202	389

Normal Schools

Instruction in Agriculture at the Normal Schools is a part of the regular course for a First Class Certificate and is taken by all students, but does not lead to a special certificate. Facilities for instruction in practical phases of the work in gardening and other topics are provided and a good course is given as far as the time allotted on the Normal School programme will allow.

Graduates of the Normal Schools who are engaged in rural schools should, however, qualify for a special certificate at the first opportunity by attendance at Summer Courses and it is evident from the large enrolment in Summer Courses in the past two years that many teachers are doing so.

NORMAN DAVIES,
Toronto, June 1st, 1938. *Inspector of Agricultural Classes.*

APPENDIX G

REPORT OF THE INSPECTOR OF AUXILIARY CLASSES

Statistical Information for the School Year, 1936-37

Training Classes.—For backward and psychopathic children and those who cannot successfully pursue the ordinary grade work, but who can be trained and whose mental age is not less than the legal school age.

Centre	Number of teachers	Enrolment at inspection	Boys	Girls	May Enrolment 1935	Percentage cared for in training, promotion and special industrial classes	Grants
Barrie	1	16	15	1	1,166	1.40	$203.46
Belleville P.S.	1	15	12	3	1,997	.75	230.49
Belleville S.S.	1	15	12	3	447	3.35	284.34
Brantford	2	31	17	14	3,918	.79	411.20
Chatham	1	15	11	4	2,030	1.48	200.00
Fort Frances	1	13	11	2	1,021	1.27	200.00
Fort William	1	16	6	10	3,379	1.36	221.41
Galt	1	17	12	5	1,705	.99	222.84
Guelph	3	51	36	15	2,548	2.00	600.00
Hamilton P.S.	10	177	120	57	21,603	2.16	1,822.02
Hamilton S.S.	5	88	57	31	4,680	3.62	833.17
Hawkesbury S.S.	(See Promotion Classes)				1,219	3.94	....
Ingersoll	1	16	8	8	738	2.17	235.53
Kingston S.S.	1	18	18	......	866	2.08	251.13
Kirkland Lake	1	22	16	6	....	....	310.42
Kitchener P.S.	2	33	22	11	4,076	1.67	450.00
Kitchener S.S.	(See Promotion Classes)				1,684	1.01	....
Lindsay	1	16	13	3	943	1.70	282.80
London P.S.	7	112	59	53	9,198	2.41	1,788.81
London S.S.	1	20	18	2	1,520	1.32	245.54
Niagara Falls	3	53	36	17	2,605	2.03	596.47
North Bay	1	17	17	......	1,632	6.13	238.59
Oshawa	1	18	13	5	3,750	.48	216.54
Ottawa P.S.	6	98	58	40	10,861	3.05	1,035.53
Ottawa S.S.	1	13	13	......	11,459	.50	189.91
Owen Sound	2	30	16	14	2,039	1.47	479.43
Pembroke	1	17	13	4	959	1.77	235.92
Peterborough	1	16	16	......	2,851	.56	209.48
Picton	1	16	11	5	461	3.47	178.62
Port Arthur P.S.	(See Promotion Classes)				2,423	1.65	....
Renfrew	1	17	12	5	460	3.70	180.50
Ridgetown	1	16	11	5	295	5.42	232.05
St. Catharines	3	63	46	17	3,540	2.91	689.27
St. Thomas	2	29	16	13	1,930	1.50	496.05
Sarnia	1	17	9	8	2,449	2.53	247.91
Sault Ste. Marie	1	19	14	5	2,947	2.17	193.19
Smith's Falls	1	14	9	5	963	1.45	227.43
Stratford	1	16	13	3	2,270	.70	208.43
Sudbury P.S.	1	16	7	9	1,607	.99	79.11
Sudbury, S.S.	1	17	15	2	1,378	4.21	173.54
Swansea	1	19	13	6	662	2.87	244.80
Toronto P.S.	52	954	627	327	82,453	2.78	9,578.79
Toronto S.S.	9	181	110	71	12,340	2.85	1,681.58
Waterloo	1	15	10	5	1,058	1.42	225.00
Welland	1	11	11	......	1,958	.56	151.74
Welland County, S.S. No. 6, Stamford	1	17	9	8	2,925	.58	198.64
Windsor P.S.	4	65	43	22	12,525	1.11	870.68
Windsor S.S.	(See Promotion Classes)				6,741	.71	....
York County	24	367	220	147	6,623	5.78	5,583.15
	164	2,822	1,851	971	....	....	$33,435.51

Promotion and Special Industrial Classes.—For children thirteen years of age and over who are eligible for a training class.

Centre	Number of teachers	Enrolment at inspection	Boys	Girls	Grants
Chatham	1	15	15	....	$317.79
Fort William	2	30	14	16	628.52
Hamilton P.S.	18	363	251	112	Paid by Tech. Education Br.
Hawkesbury S.S.	2	48	24	24	778.00
Kitchener P.S.	2	35	19	16	687.37
Kitchener S.S.	1	17	17	....	278.87
London P.S.	5	100	59	41	1,849.96
North Bay	4	83	42	41	1,444.20
Ottawa P.S.	11	233	130	103	2,892.76
Ottawa S.S.	2	44	20	24	1,048.64
Port Arthur	2	40	20	20	718.19
St. Catharines	2	40	21	19	667.98
Sarnia	2	45	24	21	702.01
Sault Ste. Marie	2	45	27	18	635.10
Sudbury S.S.	2	41	21	20	553.37
Toronto P.S.	53	1,198	609	589	Paid by Tech. Education Br.
Toronto, Church Street	11	302	302	....	1,675.22
Windsor P.S.	3	74	55	19	933.51
Windsor S.S.	2	48	48	....	706.48
York	1	16	16	....	391.41
	128	2,817	1,734	1,083	$16,909.38

Oral, Lip-Reading, Hard-of-Hearing and Speech Classes.

Centre	Number of teachers	Enrolment at inspection	Boys	Girls	Grants
Hamilton	1	201	....	....	$175.00
Kitchener	1	99	....	....	....
Ottawa	1	9	....	....	666.60
Toronto	12	895	....	....	3,630.42
	15	1,204	....	....	$4,472.02

Sight-Saving Classes.—For children whose sight prevents them from making satisfactory progress or whose eyes would be impaired by using ordinary text-books.

Centre	Number of teachers	Enrolment at inspection	Boys	Girls	Grants
Hamilton	1	15	8	7	$176.00
London	1	13	10	3	225.00
Ottawa	1	16	4	12	190.17
Toronto	5	67	46	21	892.15
	8	111	68	43	$1,483.32

Orthopedic Classes.—For disabled children.

Centre	Number of Teachers	Enrolment at Inspection	Boys	Girls	Grants
Kitchener (Visiting teacher)	1	16	9	7	....
Ottawa	1	20	9	11	$858.72
Toronto	5	75	45	30	3,845.37
Toronto (Visiting teachers)	9	134	57	77	....
York	5	70	37	33	....
	21	315	157	158	$4,704.09

Open Air Classes.—For delicate, anaemic, or undernourished children. Classes are held in parks, or in class-rooms with one side open to the sun and air.

Centre	Number of Teachers	Enrolment at Inspection	Boys	Girls	Grants
Toronto P.S.	9	353	137	216	$822.71
Toronto S.S.	2	60	22	38	353.20
	11	413	159	254	$1,175.91

Hospital and Sanatorium Classes.—For children in hospitals, sanatoria, wards, or homes for the incurable.

Centre	Number of Teachers	Enrolment at Inspection	Boys	Girls	Grants
Brantford	1	18	6	12	$40.96
Hamilton	1	40	24	16	78.94
Kitchener	1	28	10	18	173.30
London	2	42	22	20	177.36
Toronto	5	104	46	58	147.95
Windsor	1	24	10	14	71.70
	11	256	118	138	$690.21

Institutional Classes.—For inmates of children's homes, shelters, orphanages, etc.

Centre	Number of Teachers	Enrolment at Inspection	Boys	Girls	Grants
Toronto	1	24	14	10	$41.01
	1	24	14	10	$41.01

Rural School Home-Instruction Units.—For crippled children who cannot attend school.

Inspectorate	Number of teachers	Enrol. at inspection	Boys	Girls	Grants
Elgin	6	11	4	7	$300.88
Frontenac N. and Addington (in part)	1	1	....	1	....
Halton	2	2	1	1	....
Hastings N. and Renfrew (in part)	1	1	....	1	....
Leeds and Grenville (No. 3) and Lanark	1	1	....	1	....
Ontario	7	8	3	5	152.50
Oxford	1	1	....	1	50.00
Perth	2	2	1	1	8.40
Prince Edward	1	1	1	....	5.14
Renfrew	1	1	1	....	20.35
Simcoe	2	2	1	1	....
Waterloo	2	2	....	2	16.50
York	36	41	20	21	948.64
Roman Catholic District Division X	9	9	5	4	61.59
	72	83	37	46	$1,564.00

Rural Sight-Saving Units.

County	Number of teachers	Enrol. at inspection	Boys	Girls	Grants
Addington	2	2	2	....	....
Brant	3	3	2	1	....
Bruce	6	6	2	4	2.60
Carleton	3	3	2	1	12.95
Dundas	4	4	2	2	....
Elgin	4	4	4	....	....
Essex	16	21	10	11	....
Frontenac	3	3	3	....	10.10
Grey	1	1	1	....	....
Hastings	2	2	2	....	....
Huron	1	1	1	....	....
Kent	1	1	....	1	2.25
Lambton	7	7	4	3	28.80
Leeds and Grenville	5	5	2	3	....
Lincoln	2	2	1	1	.50
Middlesex	3	3	1	2	14.50
Northumberland and Durham	2	2	2	....	....
Ontario	1	1	....	1	....
Oxford	2	2	....	2	....
Peel	1	1	1	....	....
Prescott and Russell	1	1	1	....	2.00
Prince Edward	1	1	1	....	....
Simcoe	5	5	4	1	....
Stormont	2	3	1	2	....
Waterloo	9	9	7	2	7.65
Welland	11	11	8	3	3.21
Wellington	2	2	1	1	....
York	23	23	15	8	16.25
District Division I	5	5	3	2	44.65
District Division V	1	1	1	....	....
District Division IX	5	5	2	3	18.15
District Division X	1	1	....	1	....
District Division XV	1	1	....	1	....
R.C. District Division II	1	1	1	....	....
R.C. District Division III	2	2	1	1	....
R.C. District Division V	1	1	1	....	....
R.C. District Division X	3	3	2	1	....
R.C. District Division XIV	2	2	2	....	....
R.C. District Division XV	3	3	2	1	....
R.C. District Division XVI	2	2	1	1	....
	150	156	96	60	$163.61

Rural Training Units.

Inspectorate	Number of teachers	Enrol. at inspection	Boys	Girls	Grants
Dundas and Grenville (in part)	28	88	60	28	....
Elgin East and City of St. Thomas	23	70	52	18	$138.83
Glengarry (in part) and Prescott (in part)	6	24	15	9	48.70
Grey North and Bruce North	19	57	43	14	139.97
Huron West	2	3	3	....	7.13
Kent (No. 1)	25	71	49	22	197.08
Kent (No. 2), Elgin West	31	83	54	29	48.68
Lambton West (No. 1)	10	53	33	20	4.39
Leeds and Grenville (No. 3) and Lanark (in part)	22	96	60	36	189.23
Lincoln (in part)	28	197	138	59	215.85
Northumberland and Durham (No. 3) and Hastings (in part)	1	2	1	1	1.55
Oxford North and City of Woodstock	1	1	1	....	5.91
Prescott and Russell (No. 1)	18	32	24	8	140.54
Prince Edward	12	38	27	11	17.76
Renfrew North	8	17	12	5	....
Simcoe Centre	4	6	4	2	16.18
Simcoe East and Muskoka (in part)	9	31	22	9	....
Simcoe South, York (in part) and Peel (in part)	2	6	5	1	....
Waterloo (No. 1)	2	4	4	....	....
York (No. 6)	1	1	1	....	....
District Division V	2	6	2	4	7.23
District Division VIII	22	82	61	21	169.41
District Division IX	1	1	1	....	....
District Division XII	1	1	1	....	....
District Division XIII	11	37	22	15	53.40
R.C. District Division X	8	59	47	12	126.76
R.C. District Division XV	18	87	59	28	97.11
R.C. District Division XXI	1	7	3	4	....
	316	1,160	804	356	$1,625.71

Urban Organization

In addition to the classes mentioned above the following new auxiliary classes were opened during the latter half of 1937:

Opportunity Classes.—Grimsby, 1; Kirkland Lake, 1; Penetanguishene, 1; Ottawa Separate Schools, 2; Woodstock, 1.

Partial Opportunity Classes.—Cobden, 1; Listowel, 1.

Handicraft Classes.—Guelph, 1; Midland, 1; Ottawa Separate Schools, 1; Windsor, 1; Woodstock, 1.

Handicraft School for Boys.—York Township, 4 teachers.

Visiting Teachers.—Fort William, 1; Hamilton, 4; Toronto, 3; Windsor, 1; York Township, 1; East York, 1.

Hospital Classes.—Hamilton, 1; Toronto, 2.

During the year, Brampton, Grimsby, Listowel, Midland, Penetanguishene, Southampton, Woodstock, the Brantford Separate Schools and the Guelph Separate Schools were surveyed for purposes of auxiliary education. With the exception of several of the larger towns, including Brockville, Cornwall, and Timmins, all of the more important urban centres throughout the province have undertaken the provision of some form of auxiliary education. In many places initial forms of organization have been extended through the establishment of handicraft classes for senior boys and for senior girls, and the formation of visiting teacher, hospital, sight-saving, and speech-correction classes for physically handicapped children.

Rural Organization

Complete surveys of the following rural inspectorates were carried out by Miss DeLaporte and myself in conjunction with the Inspectors concerned.

Inspectorate	Inspector	Number of Cases
Bruce East, Grey (in part) and Huron (in part)	J. M. Game	81
Elgin East	J. C. Smith	122
Frontenac North and Addington (in part)	T. R. McEwen	59
Lambton (No. 1)	H. B. Galpin	97
Lincoln (in part)	G. A. Carefoot	180
Northumberland and Durham (No. 3) and Hastings (in part)	A. A. Martin	49
Oxford North	G. M. Mather	57
Perth North and Wellington (in part)	A. E. Nelson	66
Renfrew North	N. Campbell	67
Simcoe East and Muskoka (in part)	J. A. Gibson	127
R.C. District Division X	J. C. Walsh	76

In all, 984 pupils were examined and advisements made concerning their educational welfare. For the large majority of those who were found to stand in need of assistance, special educational facilities have been provided through the establishment of opportunity units for backward children, sight-saving units for children suffering from serious visual defects after receipt of adequate medical attention, home-instruction units for sick and crippled children, and speech-correction units for children handicapped by serious speech defects.

Up to the present time 21 rural inspectorates have been completely, and two partially, surveyed and organized. Many auxiliary units of various types have been established through incidental contact in other, as yet unsurveyed, inspectorates. There are in operation 113 home instruction units, 182 sight-saving units, 97 speech correction units and 1,327 opportunity units. More than two hundred sick or crippled children in rural areas who cannot attend school are being looked after by means of correspondence courses.

The home-instruction and sight-saving units are working out most successfully. The former have been the means of bringing hope and happiness to the unfortunate children concerned. The latter have enabled many previously retarded children to catch up and advance with their age grades. Owing to lack of a suitable hand-book of training procedure, only a moderate degree of success has attended the organization of speech correction units. It is hoped to remedy this defect sometime during 1938. Nevertheless, even with the tentative efforts now being put forth, many boys and girls have been enabled to enter into the reading and discussion activities of their classes and to overcome the dislike for school which usually attends serious speech handicap. Reports from Inspectors concerned would indicate that about 50 per cent. of the pupils for whom opportunity units have been established are readjusted in reading, spelling, and arithmetic to regular grade work, and return to their classes to pursue more or less profitably the ordinary school course. About 25 per cent., largely senior pupils, continue the modified course of study and through success in such activities as draughting, woodwork, knitting, and sewing become reconditioned in their attitude towards school, and renew their efforts to master the fundamental academic subjects.

Arrangements have been completed for surveying the following rural inspectorates in 1938.

Inspectorate	Inspector
Brant and Norfolk	Walter Joyce
Bruce West	G. C. Dobson
Middlesex East and Elgin (in part)	D. G. Smith
Oxford South and Norfolk (in part)	J. W. Hagan
Peterborough East	L. W. Copp
Simcoe South, York (in part), Peel (in part)	W. H. Carlton
Waterloo (No. 1)	H. E. Elborn
Wellington South	G. G. McNab
Algoma (in part)	D. T. Walkom
Algoma (in part), Nipissing (in part), Parry Sound (in part), Sudbury (in part)	L. L. Skuce
Haliburton and Muskoka (in part)	A. F. Brown
R.C. District Division XII	L. J. Langan

It is expected that, by the end of 1938, one-third of rural Ontario will have been surveyed, and provision made for children needing special help.

SUMMARY—*Urban and Rural Organization.*

	Number of Children	
I. Physically Handicapped		
1. Schools for the Blind and Deaf	436	
2. Urban Organization	2,554	
3. Rural Organization	392	
		3,382
II. Mentally Handicapped:		
1. Urban Organization	5,889	
2. Rural Organization	1,327	
		7,216
		10,598

The number of physically and mentally handicapped children throughout the Province of Ontario who are in receipt of special educational facilities and instruction is equal to the total Public and Separate School population of the City of London.

Poliomyelitis

Prompt measures were taken by the Department to meet educational emergencies arising out of the Polio. epidemic this autumn. Grants to home-instruction units, visiting teacher classes and hospital classes were augmented. Hospitals throughout the province were supplied with forms upon which to report all Polio. cases. Circular letters were sent out to all Inspectors and to such Boards as employed visiting teachers, setting forth the method and desirability of establishing home-instruction units, visiting teacher classes, or correspondence courses for victims of the disease during their lengthy periods of convalescence. The names of all cases within each inspectorate were forwarded as soon as received from the hospitals or from the Ontario Society for Crippled Children. Through the whole-hearted co-operation of Inspectors and School Boards, provision was made, by one or other of the three methods mentioned above, for the educational care of a number of adults and all school-age children as rapidly as they arrived home. At present 276 cases are being looked after, and no work done by the Department is received with more grateful appreciation.

New Courses of Study

"If that method works so well with backward children why wouldn't it be a good method to practise in the regular grades?" is a question which has frequently been asked auxiliary class teachers during the past several years.

In a very real sense auxiliary classes throughout the Province have been experimental laboratories. As the kindergarten was instrumental in spreading the gospel of 'happy learning' through the kindergarten-primary into the primary grades, so the auxiliary class has assisted in establishing the value of 'direct learning', 'active learning' and 'attitudinal training' throughout the schools.

Inasmuch as the programme of studies has been simplified and more direct methods of presentation advanced, the New Courses will definitely be to the advantage of backward children in the grades. Unfortunately, however, no curriculum can miraculously efface the relative disadvantage suffered by the physically and mentally handicapped in the matter of school progress. The crippled, the deafened, the blinded will always stand in need of special attention. The boy with an intelligence quotient of 70 will be seven chronologically before he is five mentally and will not be able to read with facility on a "Mary-John-and-Peter" level much before ten. He will have to repeat classes, or, if promoted on an age basis, will strand through lack of skill in reading, especially since the presentation of arithmetic and the social sciences has now been placed more largely on a reading basis. He may survive in the grades somewhat longer, but, sooner or later, will require modified training and specialized teaching if he is to profit through school attendance.

The general introduction of the New Courses is likely, therefore, to result in an increased placement in auxiliary classes of eight and nine-year-old children who, after two or three years of school experience, have failed to acquire the art of reading, but may, after a certain period of special teaching, be returned to regular classes for slow but profitable grade progress. In the past, one of the chief difficulties to be surmounted in returning a pupil to grade has been the knowledge requirements demanded in history and geography. Even after a pupil had been readjusted in the fundamentals, reading, writing and arithmetic, and rehabilitated in his attitude towards school and society, the grade teacher would sometimes object to his return on the ground of his ignorance of townships and post offices, counties and county towns, etc. Now that emphasis in the social science has been shifted from knowledge to interest, and the course, particularly in the first three grades, differs but little both as to content and method from that of the ordinary auxiliary class, it is hoped that readjustment may become an increasingly important function of the special class. With this thought in mind the former name 'Training Class' has been changed to 'Opportunity Class' in recently issued regulations, as an indication that the door of the room should, in the future, swing both ways.

There would also appear to be the same need as formerly for the establishment of handicraft classes for adolescent boys and girls who are not book-minded, who cannot, with profit, attend a vocational school, and who tend to become school and social problems as a result of inability to function successfully in grade subjects, requiring the use of text-books and supplementary reading.

Publications

The 'Special Class Teacher', a magazine devoted to the interests of special education and published by the Auxiliary Class Section of the O.E.A., has enjoyed another prosperous year. Its subscription list extends south, east, and west, far beyond Ontario. Its efficient and progressive staff turns out a periodical whose general articles on various phases of special education are nicely balanced by a wealth of practical suggestions from teachers engaged in actual field work.

'Junior Draughting' by H. O. Lydford of the North Bay Boys' Handicraft School fulfills a long standing need for an elementary course in shop-drawing, adapted more particularly to the requirements of boys in the public and separate schools who later will have scant opportunity of attending technical schools. The book comprises a two- to four-year course, depending upon the age and ability of the student and provides general training in mathematical thought, skill in constructive planning and a working knowledge of shop forms and designs. Objective material has been selected from a boy's world of experience and many of the drawings can be put to immediate use in the work rooms of a craft school. It is hoped that other auxiliary class teachers may put into book form the advanced and carefully worked out ideas which so many are now practising in their class rooms. In an age of foolscap philosophy there would seem to be wide room for guidance derived from real experience and tested in class-room laboratories.

Books I and II of the Canadian Speller were reproduced this year in 24 point type by the publishers, W. J. Gage & Company, using a new photo-engraving process. Each volume is printed on sight-saving paper and bound with wire-o binding which permits the book to be turned back when in use. This is the first time that a regulation text-book has ever been reproduced in large type and the pupils and teachers in sight-saving classes are finding it a great boon. It is hoped that two of the senior readers may be enlarged in the same way during 1938.

Organization

All teachers of auxiliary classes are specially trained in a five weeks' summer course. In 1937 a tri-part course was given: (I) and (II) for teachers having at least an Interim Second Class Certificate and two years' successful teaching experience in the province, who wished to qualify as teachers of; (i) training and promotion classes, (ii) speech correction and lip-reading classes. (III), a general course for teachers who wished to improve their professional standing and prepare themselves for dealing with problem children in regular grade rooms. Seventy-six took the first course, 25 the second and 29 the third.

Brief courses were given in each of the eight Provincial Normal Schools to acquaint teachers-in-training with methods of dealing with auxiliary type pupils, especially in rural schools. The many inquiries received by the Department from recently graduated teachers concerning the educational welfare of exceptional children in their charge is evidence of interest aroused by these Normal School talks.

A ninth Auxiliary Class Teachers' Association was organized this year to embrace the special class teachers of the Niagara Peninsula. The monthly or bi-monthly meetings of these associations have been the means of affording fresh stimuli to a group of workers whose special type of duty tends to limit their normal professional contacts.

H. E. Amoss,
Inspector of Auxiliary Classes.

Toronto, March 16th, 1938.

APPENDIX H

REPORT OF THE DIRECTOR OF SCHOOL ATTENDANCE

"School life is to a large extent the reflection of the home life of the community." If the people are prosperous and happy, that prosperity and happiness are shown in the school. If conditions are the reverse, the school, too, suffers in various ways. Comparative attendance statistics indicate that absences in a community may increase with the activity there, if the community is prosperous, or with the lack of activity there, if the district is less fortunate. In sections where the tobacco industry flourishes, where canning is prominent, where fruit-growing occupies the attention of the farmer, or where the potato is the chief crop, there we find more absence due to Home Help, as the assistance of children is often needed in harvesting the crops. Where the people are not so happily situated, there we have losses due to Privation, Truancy and Parental Neglect. One can, in many cases, read the weather conditions throughout the Province from the losses due to Physical Obstacles, while epidemics leave their marks in the Illness column.

With our present system of recording, it is a difficult task to increase the percentage of attendance, as certain losses, while they may vary from year to year, can neither be eliminated nor greatly reduced.

Elementary Schools

In 1935-36 there were 6,377 Public Schools and 793 Separate Schools; in 1936-37 the Public Schools numbered 6,347 and the Separate Schools 812. The decrease in the number of Public Schools is attributable to the closing of some of the very small rural schools. The children in such cases attend neighbouring schools, with increased educational benefit to themselves.

Secondary Schools

The total number of secondary schools remained unchanged, the increase of one in the Collegiate Institute group and two in the ranks of the High Schools being offset by the decrease of three in the number of Continuation Schools. At present there are 69 Collegiate Institutes, 156 High Schools, 208 Continuation Schools, 58 Vocational Schools and 5 Special Industrial Schools—a total of 496.

Enrolment

A comparison of enrolments in the various schools for the past two years is of interest.

	1935-36	1936-37	Increase or Decrease
Public Schools	460,785	455,365	5,420 dec.
Separate Schools	101,152	100,348	804 dec.
High Schools and Collegiate Institutes	67,899	67,088	811 dec.
Continuation Schools	9,464	8,996	468 dec.
Vocational and Special Industrial Schools—			
Day Classes	35,418	36,256	838 incr.
Night Classes	24,360	25,930	1,570 incr.
	699,078	693,983	5,095 dec.

This shows a decrease in total enrolment for the year of 5,095, the only increase being in the Vocational and Special Industrial Schools.

Table No. 1

(Showing percentage attendance since 1933)

Class of School	1933*	1934*	1934-35†	1935-36†	1936-37†	Increase in percentage over 1935-36
City Schools	92.21	92.82	91.70	91.87	92.49	.62
Town Schools	92.92	93.28	92.77	91.62	92.67	1.05
Village Schools	92.47	92.49	91.57	91.39	91.83	.44
County Rural Schools	89.30	89.68	89.29	88.17	87.65	.52(dec.)
District Rural Schools	87.98	87.69	87.33	86.29	87.22	.93
All Urban Schools	92.40	92.84	91.94	91.64	92.49	.85
All Rural Schools	89.09	89.35	88.97	87.85	89.34	1.49
All Elementary Schools	91.17	91.56	90.83	90.27	90.91	.64

*Calendar Year. †Academic Year.

School Leaders in Attendance

In 1934-35	Per cent.	In 1935-36	Per cent.	In 1936-37	Per cent.
City of Fort William	95.33	City of Galt	95.34	City of Galt	96.10
Town of Chelmsford	97.77	Town of Chelmsford	96.85	Town of Palmerston	96.22
Village of Port Perry	96.68	Village of Port Perry	96.51	Village of Port Perry	96.98
County of Waterloo	94.32	County of Waterloo	93.41	County of Waterloo	93.54
District of Sudbury	88.77	District of Nipissing	89.17	District of Algoma	89.04

Table No. 2—Public Schools, 1936-37

	Average Attendance	Percentage Attendance	Loss in days per pupil
Rural	160,473	89.16	19.98
Urban	246,483	92.28	14.92

Table No. 3—Separate Schools, 1936-37

	Average Attendance	Percentage Attendance	Loss in days per pupil
Rural	20,864	90.72	17.46
Urban	71,310	93.51	12.21

Table No. 4—Totals, 1936-37

	Average Attendance	Percentage Attendance	Loss in days per pupil
Rural	181,337	89.34	19.70
Urban	317,793	92.55	14.32

Table No. 5—All Elementary Schools, 1936-37

	Average Attendance	Percentage Attendance	Loss in days per pupil
Public	406,956	91.05	16.98
Separate	92,174	92.87	13.42

Table No. 6—Distribution of Losses

Days lost through	1936-37	1934-35 (per cent.)	1935-36 (per cent.)	1936-37 (per cent.)
Illness	5,941,664	66.09	62.96	65.41
Home Help	827,571	8.48	7.67	9.11
Parental Neglect	537,847	5.48	5.10	5.92
Physical Obstacles	237,508	2.63	4.39	2.62
Truancy	25,704	.27	.24	.28
Privation	94,780	.98	.95	1.04
Irregular Closing	414,359	3.44	6.96	4.56
Other Reasons	1,004,134	12.63	11.73	11.06
	9,083,567	100.00	100.00	100.00

Of the above losses, 6,845,284 were lawful; 2,238,283 were unlawful.

Table No. 7

Schools	Enrolment				Percentage Attendance	
	1935-36		1936-37		1935-36	1936-37
Continuation		9,464		8,996	90.90	91.94
High School and Collegiates		67,899		67,088	93.51	94.28
Vocational and Special Industrial Schools—Day	35,418		36,256			
—Night	24,360		25,930			
		59,778		62,186		
		137,141		138,270	*92.08	*92.79

*Day schools only.

On the whole, attendance in the Province is quite satisfactory, the percentage being 90.91 for all elementary schools.

R. D. KEEFE
Director of School Attendance.

Toronto, June 28th, 1938.

APPENDIX I

REPORT OF THE INSPECTOR OF PUBLIC LIBRARIES

1. The Library Situation in General

In view of the growth of the adult education movement in this country, and of the impact of European fascist and communistic ideologies upon democratic civilizations, the public library as an enlightening element in the intellectual life of the community has become of more profound significance to-day than ever before.

This report upon the library situation in Ontario is made from partial knowledge only. Since my appointment I have studied the reports of all the libraries, but thus far I have been able to visit only 111 of them. Taking stock of what we have in the province—and I am afraid that we have little cause to feel satisfied with it—the following facts emerge:—

(a) Population of Ontario—3,431,683.

(b) Number of libraries—226 (free) and 274 (association).

(c) Population served (in theory)—2,184,000.

(d) Circulation of books—13,387,000, or 3.9 books per capita. Only 866,000 of this represented the circulation of association libraries, which are almost entirely rural.

(e) Municipal appropriations for free libraries in 1936—$1,063,000, or about 30c. per capita.

(f) Legislative grants paid in 1937—$37,500, or approximately 3 per cent. of the total expenditures of the public libraries.

(g) Closed libraries—142.

The briefest of these facts is possibly the most significant—142 closed libraries. The cause of death appears to have been, in every case, malnutrition.

The per capita book circulation is disturbingly low. It is still more disturbing when we recognize, as its cause, the lack of adequate book facilities in the rural districts, where 1,335,000 people look to the village libraries for service. Yet the per capita use of books should normally be greater in the smaller centres than in the larger, as will be seen by comparing the figures for five libraries of different sizes:—

Brantford	8 books per capita.
Belleville	8 " " "
Campbellford	10 " " "
Bancroft	12 " " "
Newcastle	21 " " "

The fundamental reason for the low provincial average is, undoubtedly, the lack of funds with which to provide good book-stocks and skilled librarians to handle them. Nor is this condition peculiar to the association libraries alone. In a number of cases the boards of free public libraries are not securing even the minimum municipal appropriation of fifty cents per capita to which they are entitled under the Act.

For example, in the reports for 1937 which were received up to March 24, 1938, I find that only 14 out of 49 are obtaining as much as the minimum municipal appropriation. The figures on a per capita basis are as follows:—

One library receiving $1.00—Elora.

Two libraries receiving between 70c and 80c: Beamsville (70); Brussels (80).

One library receiving between 60c and 70c—Amherstburg (63).

Ten libraries receiving between 50c and 60c: Aylmer (50); Barrie (50); Bracebridge (51); Brockville (59); Chatham (53); Dundas (50); Fort William (56); Galt (50); Kitchener (50); Port Rowan (50).

Thirteen libraries receiving between 40c and 50c: Ayr (46); Brampton (44); Brantford (41); Burk's Falls (42); Campbellford (48); Clinton (42); Collingwood (44); Durham (43); Elmira (47); Ingersoll (46); Lindsay (49); North Bay (43); Peterborough (49).

Eight libraries receiving between 30c and 40c: Belleville (37); Chesley (35); Clifford (35); Markdale (32); Mount Dennis (32); Parry Sound (36); Smith's Falls (35); Stayner (30).

Twelve libraries receiving between 20c and 30c: Ailsa Craig (28); Almonte (25); Arthur (28); Aurora (26); Brighton (24); Cardinal (20); Cornwall (22); Fort Erie (29); Lanark (26); Oakwood (23); Pembroke (25); Timmins (21).

Two libraries receiving less than 20c: Bothwell (16); Cayuga (14).

This summary, while not by any means complete, may be taken as representative of the free library situation. It should be noted, however, that certain centres are under supervision, with controlled budgets. These include Pembroke, Mount Dennis, Fort Erie, and North Bay (limited supervision).

Two urgent calls for special service have been made upon our libraries in recent years. The first came with the depression when many people turned to books because of enforced leisure or reduced budgets. The second has arisen with the introduction of the new curriculum in our schools. Although handicapped in many cases by inadequate funds, most of the libraries I have visited are doing what they can to co-operate in the matter of book service to school children under the new programme of studies. But, frankly, the libraries do not feel that they are meeting the added needs of the children, or that they can ever hope to do so upon their normal budgets. Not only is the book expense bearing heavily upon them, but in some cases, also, more staff assistance has been required for the junior library. It has been obtained only at the cost of reducing the service to adults.

This is all a great pity, since the new curriculum offers libraries the greatest opportunity they have ever had to capture the imagination of children, to bring them to the book-shelves, and to establish once and for all, in those who are capable of becoming readers, the library habit.

2. Grants to Libraries

Schooling is not in itself an end. The continued education, voluntarily, of such portion of the adult population as is capable of absorbing it must be an essential part of the general scheme of education. The association library is as much an anachronism as would be a privately owned fire department. In the public library lies the only universal answer to adult education; but at the same time the free public library is in a state of partial paralysis through financial starvation. What can be done about it?

In the first place, the present minimum local appropriation of 50 cents per capita, where it is obtained, offers just about enough subsistence to enable a library to keep alive. It certainly does not permit of expansion in keeping with the needs of the day. In the second place, additional local support of libraries, if it were possible to obtain it, would only add a further burden to the one source of revenue which seems already over-burdened—real property.

The solution, I believe, can only be reached through increased legislative grants to libraries—materially increased grants. But on conditions, certainly. To libraries that obtain the minimum 50 cents from the local authorities and spend it wholly on library service, that employ as chief librarian and as a certain portion of the staff, trained and qualified persons, and that meet other requirements of inspection—to these, I suggest a grant of 20 per cent. of their total expenditures. This may seem a sharp increase, and it might be necessary to set a maximum grant to any one library, but I am trying to present a principle, not a minutely detailed scheme.

Let us glance at what we are doing at present. Taking the ten libraries reported as receiving the 50-cent appropriation, consider the following facts:—

Centre	Population	Total Expenditure	Grant	
			Amount	Per cent. of Expenditure
Aylmer	1,980	$1,162.76	$140.35	12
Barrie	8,054	4,719.30	155.21	3
Bracebridge	2,581	1,604.98	141.05	8
Brockville	9,874	5,920.14	159.00	3
Chatham	16,215	9,162.84	159.00	2
Dundas	5,002	2,931.93	156.50	5
Fort William†	24,371	16,193.04	319.00*	2
Galt	13,958	8,518.96	159.00*	2
Kitchener	32,862	14,920.00	159.00*	1
Port Rowan	660	302.63	39.80	13

*Exclusive of $50 special grant for trained librarian.
†Has one branch library.

Thus, legislative grants range from 1 per cent. in the case of the largest community listed, to 13 per cent. in the case of the smallest. Under a 20 per cent. grant on expenditures, and forgetting for a moment the possible need to set a maximum figure, the grants to these ten libraries would be as follows:—

Centre	Grant on 20 per cent. plan	Grant on present plan
Aylmer	$232.55	$140.35
Barrie	943.86	155.21
Bracebridge	320.99	141.05
Brockville	1,184.02	159.00
Chatham	1,832.80	159.00
Dundas	586.38	156.50
Fort William	3,238.60	319.00
Galt	1,703.79	159.00
Kitchener	2,984.06	159.00
Port Rowan	60.52	39.80

The principle behind the proposed plan is, of course, incentive. At the present time the $50 grant payable to libraries employing a trained librarian is not sufficient to induce some boards to pay the necessary salary. If they saw that worth-while assistance would be forthcoming if they accepted the opportunities offered by the Act, provided more books, employed a trained librarian, and gave the people real library service, then I believe that progress would be certain. Public opinion would demand it.

3. County Library Associations

Our library system has developed by progressive steps—private libraries to mechanics' institutes, to local associations, to free collections, to co-operation. I am convinced that the chief hope for our small rural libraries now lies in the co-operative system known in the province as "county library association". Four such associations are now operating, namely, Lambton, Middlesex, Elgin, and (the newest-comer) Oxford. All report progress on the slightest of budgets, and the libraries concerned are enthusiastic about the results. In Lambton, which is the oldest organization, all 18 libraries are members. Middlesex has 21 members out of a possible 27. Elgin has 7 out of 10, with the prospect of others being added soon. Oxford has 6 out of 19.

By means of radio talks, articles in the *Ontario Library Review*, interviews with local papers, special meetings, and constant encouragement to library boards, and individual library workers, the Branch is doing everything it can to promote the movement. I am hoping that 1938 will see the inauguration of an association in Waterloo County. People in Lennox and Addington, Leeds-Grenville, and Peterborough Counties are also becoming increasingly interested.

In view of the importance of this movement, the limited time I have to spend on it, and the amount of organization which it requires, I do feel most keenly the need of a county and regional supervisor whose duty it would be, under direction of the Branch, to promote, organize, and guide these co-operative schemes throughout the province. As I have said, four additional counties are stirring. Interest is also evident in the country at the head of the lakes. If a well-qualified person were available to give active assistance in such areas, I believe it would only be a matter of a few years before rural Ontario would be busily engaged in helping itself out of its present library situation.

4. Training of Librarians

Next to the problem of financial support, the thing that impresses me most forcibly is the need that exists for some kind of elementary training of librarians in charge of small libraries. There are exceptions of course, but I refer chiefly to free libraries in places of 1,000 population or less, and to almost the whole body of association libraries. The librarians, in most cases, are conscious of their handicap and would willingly seek assistance. A short summer course in connection with the Library School in Toronto has been suggested, but the small salaries of many librarians make such a plan impracticable unless their expenses were paid.

The answer to the problem appears to be in taking training to the library. A travelling library instructor might go into a district, take up quarters in a central town, bring in as many village librarians as possible, and instruct them for three weeks in the elements of library work. A period of three weeks is suggested because many librarians are on part-time, and instruction could be given only on a three, or at most a four-day-a-week basis, and for such hours as would permit them to return home at night. Not all librarians could or would attend such a course, but I am convinced that most would do so—eagerly.

The travelling instructor, if appointed, should devote first attention to areas in which the county association people could be reached, since they are in the forefront of the new development in rural service. It might be possible, also, to combine the duties of the county library association supervisor with that of instructor in charge of the travelling library school. This, however, could only be determined by experiment.

5. The Travelling Libraries

The difference of opinion among library authorities as to the ultimate value of travelling libraries is not likely to be settled in this generation. Situated as we are, however, with weak public libraries in the rural districts, and with so many schools, clubs, and study-groups beyond reach of regular library service, I believe that our travelling libraries fill, partially at least, a most pressing need. The statistics follow:—

Libraries sent out during 1937:

To Schools	210	
To Public Libraries	228	
To Women's Institutes	73	
To Farmers' Clubs, etc.	111	
Total		622

Book Circulation:—

Boys' and girls'	26,437	
Adult non-fiction	15,277	
Fiction	22,726	
Total		64,440
Increase over 1936		7,383

The value of our travelling libraries would be increased if the system were operated more nearly after the pattern of the normal public library, which permits each borrower to choose his book. The recipient of a travelling library has no choice. He takes fifty books just as they are sent, and if they happen to be books without interest for his borrowers, or if they have had them before, then the box sits in a corner until it is time to send it back. Very often, no more boxes are asked for. It is not suggested that any travelling library can give its readers the same scope in selection as can the adequate public library, but much could be accomplished by having our collection catalogued, and by issuing to readers, at a nominal charge, annotated catalogues with quarterly or half-yearly supplements. I know that printed catalogues get out of date and that they are expensive, but I do not know of anything else that could possibly serve the end I have outlined.

Travelling libraries might also be used as a basis for developing a reference service to the smaller libraries and to individuals beyond reach of a library. Canada is one of the few civilized countries without a national library. The Province of Ontario might consider providing some such service for itself. A provincial library might be developed, having for its three branches, (1) the Legislative Library for the use of parliament, (2) travelling libraries for general reading in outlying districts, and (3) reference service and inter-library loans to the province. I do believe that the benefits of such a programme would prove both broad and enduring.

ANGUS MOWAT,
Inspector of Public Libraries.

Toronto, March 24, 1938.

FREE PUBLIC LIBRARIES

Showing Statistics, 1936, and Legislative Grants Paid in 1937

No.	Library	Population	Municipal Apprn.	Borrowers	Volumes in Library	Circulation	Legislative Grant Paid in 1937	Amount Expended on Books	Total Expenditure
			$ c.				$ c.	$ c.	$ c.
1	Acton............	1,993	666 47	785	5,165	10,866	76 37	222 60	833 29
2	Ailsa Craig........	452	130 00	194	4,174	3,593	44 44	65 93	214 27
3	Almonte..........	2,431	600 00	688	4,777	20,128	105 39	244 01	795 11
4	Amherstburg.......	2,784	2,000 00	930	7,007	28,150	101 26	264 34	2,210 62
5	Arnprior..........			No	annual	report for	1936		
6	Arthur............	1,050	368 41	158	3,767	5,407	120 55	162 02	519 55
7	Aurora............	2,850	750 00	792	6,153	23,006	126 57	525 85	1,080 53
8	Aylmer............	1,980	1,000 00	1,100	16,413	24,454	140 35	391 87	1,162 76
9	Ayr..............	770	350 00	428	5,235	8,054	121 03	158 06	786 13
10	Barrie............	8,054	3,865 92	4,291	11,842	84,374	205 21	1,474 06	4,719 30
11	Beamsville.........	1,200	850 00	731	8,518	22,430	133 83	380 85	1,042 33
12	Beaverton.........			No	annual	report for	1936		
13	Beeton............	600	100 00	201	2,626	1,304	....	....	106 90
14	Belleville..........	14,578	5,500 00	4,481	16,225	113,968	209 00	1,763 25	7,097 34
15	Belmont...........	600	190 00	296	1,906	4,449	60 48	67 59	360 97
16	Bothwell..........	647	100 00	129	3,213	4,725	78 53	125 73	277 55
17	Bracebridge........	2,581	1,276 58	874	6,800	19,178	141 05	344 52	1,604 98
18	Brampton.........	5,400	2,200 00	2,374	6,632	43,279	148 15	516 06	2,505 99
19	Brantford.........	30,107	12,000 00	12,268	41,643	244,520	209 00	3,779 73	13,382 40
20	Brighton..........	1,500	360 00	313	5,153	13,272	77 72	238 46	576 30
21	Brockville.........	9,874	5,737 00	7,139	17,803	78,643	159 00	1,070 07	5,920 14
22	Brussels...........	750	600.00	223	5,120	5,037	90 47	131 84	868 01
23	Burk's Falls.......	818	350 00	482	2,645	5,524	53 87	60 94	408 39
24	Campbellford......	2,800	1,300 00	1,279	7,799	30,451	196 26	555 98	1,740 49
25	Cardinal..........	1,450	300 00	140	3,239	2,470	61 90	103 84	404 53
26	Carleton Place.....	4,275	500 00	354	6,751	15,650	94 09	224 22	695 45
27	Cayuga...........	700	100 00	126	2,745	3,181	15 95	81 82	146 99
28	Chatham..........	16,215	8,300 00	4,237	25,065	123,756	209 00	1,819 48	9,162 84
29	Chesley...........	1,759	650 00	502	5,397	16,698	131 84	350 15	879 35
30	Clifford...........	430	150 00	99	5,010	3,363	35 71	75 00	252 23
31	Clinton...........	1,900	800 00	700	10,895	17,629	194 75	337 75	1,530 59
32	Collingwood.......	5,500	2,150 00	950	12,824	23,578	99 32	202 33	2,448 13
33	Cornwall..........	12,681	2,500 00	1,988	11,063	44,707	159 00	749 28	2,827 70
34	Delhi.............	1,700	850.00	258	3,684	12,225	120 50	217 28	939 45
35	Drayton...........	567	330 00	342	4,108	4,879	65 01	61 97	425 92
36	Dresden...........	1,535	799 40	291	3,488	8,908	121 44	210 18	1,014 08
37	Dryden...........	1,639	550 00	302	3,467	9,241	95 91	340 10	729 57
38	Dundas...........	5,002	2,500 00	2,218	9,837	44,111	156 50	494 60	2,931 93
39	Durham...........	1,792	800 00	853	6,244	10,890	122 43	385 80	1,000 78
40	Elmira............	2,075	1,025 00	1,142	6,718	11,193	147 52	200 58	1,228 90
41	Elora.............	1,195	802 92	546	9,648	18,620	124 62	278 31	1,199 17
42	Erin..............	469	100 00	140	3,430	2,673	20 33	49 94	160 51
43	Essex.............	1,800	700 00	894	4,417	6,173	101 21	228 47	822 65
44	Exeter............	1,629	950 00	867	5,751	21,256	120 95	372 98	1,218 61
45	Fenelon Falls......	1,051	200 00	262	5,000	14,707	22 69	25 59	231 70
46	Fergus............	2,785	1,008 58	579	6,389	17,740	128 35	292 99	1,426 67
47	Fonthill...........	1,000	325 00	556	7,843	6,552	83 83	144 10	407 78
48	Forest............	1,586	800 00	650	2,760	15,052	55 74	73 23	1,043 51
49	Fort Erie, Main....	5,900	1,800 00	3,201	10,124	46,301	248 52	903 05	2,170 81
50	South Br........		In	cluded	in figures	of Main	Library		
51	Fort Frances.......	5,509	2,050 00	3,016	7,582	33,035	133 75	402 57	1,975 74
52	Fort William, Main.	24,371	14,600 00	9,604	43,136	182,253	419 00	2,492 18	16,193 04
53	Ward Four Br....		In	cluded	in figures	of Main	Library		

FREE PUBLIC LIBRARIES

No.	Library	Population	Municipal Apprn.	Borrowers	Volumes in Library	Circulation	Legislative Grant Paid in 1937	Amount Expended on Books	Total Expenditure
			$ c.					$ c.	$ c.
54	Galt	13,958	6,979 00	7,338	12,313	94,372	209 00	1,914 68	8,518 96
55	Gananoque	3,305	1,800 00	1,874	6,439	33,916	159 00	1,069 21	2,677 03
56	Georgetown	2,250	1,000 00	1,298	4,817	12,476	134 70	330 21	1,132 12
57	Glencoe	750	500 00	495	3,800	13,109	110 01	236 77	636 09
58	Goderich	4,300	1,900 00	2,050	6,799	27,724	158 20	546 30	2,466 21
59	Gore Bay	800	225 00	200	1,147	2,566	91 50	99 40	302 00
60	Grand Valley	550	700 00	180	3,238	5,744	43 81	66 89	1,050 61
61	Gravenhurst	2,000	400 00	335	2,595	13,777	47 27	143 01	562 40
62	Grimsby	1,976	1,200 00	1,934	7,475	33,023	138 34	711 01	2,052 52
63	Guelph	21,178	10,589 00	10,956	35,503	240,203	159 00	3,066 49	11,649 97
64	Hagersville	1,246	550 00	362	4,945	10,101	131 37	208 10	645 10
65	Hamilton, Main	153,608	67,793 00	33,488	143,701	705,603	572 95	9,047 30	73,732 48
66	Kenilworth Br.								
67	Locke St. Br.		In	cluded	in figures	of Main	Library		
68	Mountain Br.								
69	Hanover	3,100	900 00	1,319	5,392	22,393	131 62	601 37	1,299 33
70	Harriston	1,325	550 00	810	6,274	22,475	87 82	119 71	1,095 38
71	Hensall	719	194 18	233	2,916	9,225	80 02	159 90	309 20
72	Hespeler	2,861	1,748 10	512	6,577	16,993	192 62	409 49	2,282 03
73	Hillsburg	500	216 95	215	2,174	5,608	39 86	71 20	294 34
74	Ignace	327	62 66	53	853	1,673	9 00	22 90	78 20
75	Ingersoll	5,100	2,200 00	2,800	9,225	50,185	209 00	933 93	2,798 25
76	Kemptville	1,250	550 00	634	4,186	11,536	156 12	308 40	808 83
77	Kenora	8,182	4,000 00	3,810	7,531	56,314	159 00	827 54	4,424 11
78	Kincardine	2,548	900 00	891	5,762	17,527	116 87	330 49	1,164 75
79	Kingston	24,372	13,000 00	15,397	33,029	259,622	209 00	3,497 80	15,865 69
80	Kingsville	2,500	600 00	513	7,082	9,944	56 39	105 84	738 35
81	Kitchener	32,862	13,840 98	9,462	36,907	249,529	209 00	4,207 37	14,920 33
82	Lakefield	1,300	262 31	250	2,265	8,289	89 12	80 75	405 90
83	Lanark	600	200 00	202	2,654	7,537	75 00	143 29	300 07
84	Lancaster	650	200 00	165	3,116	2,261	19 00	....	124 58
85	Leamington	5,000	1,800 00	1,802	8,983	25,960	142 40	591 04	2,010 06
86	Lindsay	7,158	3,400 00	1,659	16,671	62,892	159 00	1,306 50	3,975 80
87	Listowel	2,872	1,000 00	868	6,655	26,172	129 26	451 86	1,310 98
88	Little Britain	235	100 00	112	3,586	3,905	69 95	58 97	304 22
89	Little Current	1,100	136 00	386	1,233	3,107	64 74	135 96	193 96
90	London, Main	76,252	41,300 00	26,474	103,764	583,721	659 00	11,694 93	43,432 53
91	East Br.								
92	South Br.		In	cluded	in figures	of Main	Library		
93	South East Br.								
94	Lucknow	1,062	530 00	365	5,237	14,896	118 21	216 16	856 61
95	Markdale	802	261 57	325	3,768	7,861	89 50	198 58	682 10
96	Meaford	2,719	1,350 00	1,080	6,995	26,224	159 00	595 90	1,633 59
97	Merrickville	800	350 00	254	1,842	15,400	42 88	101 63	347 65
98	Merritton	2,613	1,396 31	791	7,038	20,093	54 45	152 54	1,508 20
99	Midland	7,000	3,333 43	4,500	25,023	72,391	152 40	504 56	3,430 96
100	Millbrook	715	250 00	139	3,320	11,370	93 62	167 14	432 64
101	Milton	1,800	500 00	764	6,808	10,332	49 52	238 27	673 04
102	Milverton	1,005	678 94	255	5,633	9,606	69 52	187 47	784 53
103	Mimico	7,000	3,640 00	3,084	6,159	55,587	154 00	1,223 00	4,112 80
104	Mitchell	1,577	600 00	402	4,972	13,384	118 13	250 82	858 52
105	Mount Dennis	10,005	3,155 00	5,739	5,434	56,045	253 87	603 82	3,277 33
106	Mount Forest	1,815	907 50	920	7,740	14,613	104 86	196 83	1,308 62
107	Newcastle	675	337 50	341	4,206	14,476	139 25	362 52	935 80
108	New Hamburg	1,400	750 00	625	4,303	9,202	133 72	319 22	860 94
109	New Liskeard	2,985	1,400 00	1,220	10,901	23,227	145 52	822 39	2,263 45
110	Newmarket	3,748	1,025 00	1,014	5,864	28,842	127 96	502 31	1,163 95

FREE PUBLIC LIBRARIES

No.	Library	Population	Municipal Apprn.	Borrowers	Volumes in Library	Circulation	Legislative Grant Paid in 1937	Amount Expended on Books	Total Expenditure
			$ c.				$ c.	$ c.	$ c.
111	New Toronto......	8,497	4,200 00	1,384	10,204	57,344	193 75	1,412 85	4,589 56
112	Niagara Falls, Main	18,526	9,107 13	7,079	28,585	201,210	393 70	3,440 93	11,576 96
113	Drummond Br....		In	cluded	in figures	of Main	Library		
114	North Bay........	15,207	6,124 97	7,628	15,710	99,878	209 00	880 95	6,633 94
115	Norwich...	1,091	700 00	363	5,539	14,203	118 75	289 49	899 35
116	Norwood...	753	400 00	235	1,515	5,805	60 80	74 85	178 11
117	Oakville..........	3,950	2,100 00	1,500	8,976	25,205	115 24	430 93	2,441 30
118	Oakwood..........	250	120 00	110	2,563	5,630	41 56	70 57	166 88
119	Oil Springs.........	500	150 00	248	1,306	12,235	49 55	133 54	215 36
120	Orangeville........	2,764	2,000 00	600	9,168	22,061	154 02	402 50	2,295 20
121	Orillia...........	8,808	3,600 00	4,789	10,659	76,289	204 00	1,002 35	4,460 12
122	Oshawa..........	24,692	7,900 00	11,969	15,685	143,585	209 00	2,619 65	9,249 95
123	Ottawa, Main......	141,903	66,357 75	21,348	136,042	374,186	852 61	10,917 86	69,985 23
124	Boys and Girls Br.								
125	Edinburgh Br...								
126	Rideau Br......		In	cluded	in figures	of Main	Library		
127	South Br.......								
128	West Br........								
129	Otterville..........	2,395	218 91	149	3,698	4,686	105 32	172 65	392 15
130	Owen Sound.......	13,000	6,000 00	3,933	18,407	105,723	209 00	1,683 08	6,519 20
131	Paisley............	729	300 00	232	7,273	8,743	68 51	68 07	427 39
132	Palmerston........	1,617	1,042 50	650	4,889	9,049	89 98	131 66	1,673 32
133	Paris..............	4,315	1,900 00	1,610	14,680	44,440	154 25	597 17	2,320 56
134	Parkhill...........	1,000	531 70	617	3,701	4,827	82.91	149 00	668 00
135	Parry Sound.......	3,390	1,300 00	818	7,191	25,676	99 00	621 26	1,759 87
136	Pembroke.........	10,326	2,163 00	3,300	14,356	38,674	209 00	415 22	2,415 96
137	Penetanguishene....	4,045	1,200 00	355	8,224	16,804	75 17	118 24	1,390 79
138	Perth.............	4,184	1,950 00	596	9,059	24,313	159 00	700 55	2,231 23
139	Peterborough......	23,044	11,200 00	4,305	28,643	168,557	209 00	2,403 14	12,768 93
140	Petrolia..........	2,600	....	263	1,499	9,237	65 31	247 60	451 45
141	Picton...........	3,450	2,650 00	2,093	9,511	39,944	209 00	742 02	2,511 08
142	Porcupine-Dome...	4,521	900 00	803	3,399	15,906	101 62	307 55	1,132 03
143	Port Arthur.......	20,405	13,400 00	5,240	16,076	113,969	209 00	4,300 89	15,587 26
144	Port Carling.......	506	312 49	221	2,927	5,501	71 30	89 96	381 31
145	Port Colborne......	6,196	1,454 97	2,112	6,852	29,518	151 10	583 64	1,682 59
146	Port Elgin.........	1,267	832 00	554	5,226	11,185	78.45	109 81	1,999 55
147	Port Hope.........	4,320	1,900 00	1,655	11,574	26,435	209 00	592 37	2,801 74
148	Port Perry.........	1,125	700 00	722	3,793	10,710	92 35	158 32	929 04
149	Port Rowan.......	660	160 00	147	2,378	1,855	39 80	44 51	302 63
150	Prescott..........	2,942	1,471 00	1,500	12,108	24,540	140 92	462 52	1,675 43
151	Preston..........	6,294	3,000 00	1,714	10,009	65,125	209 00	822 20	3,441 28
152	Renfrew..........	5,366	2,450 07	2,725	13,781	53,794	156 77	855 41	3,180 91
153	Richmond Hill.....	1,265	456 84	313	4,905	7,125	77 49	151 92	493 29
154	Rittenhouse.......	500	103 56	278	1,821	3,735	75 65	115 20	162 57
155	St. Catharines.....	27,600	13,417 00	9,727	29,252	288,662	209 00	3,519 75	14,333 04
156	St. Edmunds.......	475	....	336	1,753	4,443	20 41	33 07	222 36
157	St. Jacobs........,	562	300 00	321	1,875	3,345	29 37	43 21	491 72
158	St. Mary's.........	4,023	1,500 00	1,691	7,361	16,339	122 00	262 39	1,534 01
159	St. Thomas........	16,128	9,673 80	7,002	25,730	164,595	209 00	3,040 22	10,895 48
160	Saltfleet Twp.......	6,161	1,200 00	1,676	5,563	31,276	99 00	386 02	1,300 09
161	Sarnia...........	18,230	11,014 00	9,207	23,055	150,951	209 00	2,693 47	11,547 95
162	Sault Ste. Marie....	23,627	10,000 00	7,450	17,797	108,689	329 00	2,531 78	11,008 89
163	West Br.........		In	cluded	in figures	of Main	Library		
164	Schreiber..........	1,190	310 00	322	1,354	10,897	106 36	187 40	454 62
165	Seaforth..........	1,800	954 25	382	3,533	13,423	126 92	341 87	1,349 23
166	Shelburne.........	1,100	700 00	327	6,211	9,506	131 37	356 74	861 43
167	Simcoe...........	5,614	2,750 00	2,859	13,957	51,764	209 00	1,003 29	4,102 74
168	Smith's Falls.......	7,775	3,500 00	2,366	12,812	41,860	159 00	1,094 26	3,770 99
169	South River.......	825	125 00	242	1,162	3,932	69 14	111 62	187 70

FREE PUBLIC LIBRARIES

No.	Library	Population	Municipal Apprn.	Borrowers	Volumes in Library	Circulation	Legislative Grant Paid in 1937	Amount Expended on Books	Total Expenditure
			$ c.				$ c.	$ c.	$ c.
170	Springfield........	375	75 00	161	2,459	3,287	32 14	54 15	161 81
171	Stayner..........	1,000	300 00	293	1,882	4,583	79 80	129 47	385 01
172	Stirling...........	935	556 45	419	5,153	11,010	132 14	299 74	901 37
173	Stouffville........	1,155	560 00	663	6,350	12,017	78 84	99.98	763 58
174	Stratford.........	17,615	8,813 00	5,574	27,955	170,011	176 10	2,396 87	10,095 07
175	Strathroy.........	2,911	1,000 00	1,311	6,903	17,354	146 00	322 73	1,225 99
176	Streetsville.......	675	300 00	399	2,896	6,426	47 10	11 00	306 71
177	Sudbury..........	24,440	4,008 94	2,371	7,056	43,225	159 00	712 47	5,022 47
178	Sundridge........	600	90 45	234	1,835	3,309	51 52	95 98	182 53
179	Sutton...........	806	350 00	492	4,162	5,551	76 57	150 20	485 78
180	Swansea..........	5,000	750 00	744	5,369	20,062	99 00	347 45	1,052 93
181	Tara.............	500	275 00	128	3,073	3,890	49 06	69 92	381 37
182	Tavistock.........	1,100	660 00	338	6,604	10,723	93 58	187 60	1,124 88
183	Teeswater.........	837	627 75	168	6,091	5,599	58 03	200 70	687 52
184	Thamesville.......	870	250 00	604	3,604	9,538	106 39	200 07	440 17
185	Thorold..........	5,000	2,100 00	722	6,942	19,646	134 43	257 99	2,265 36
186	Tilbury..........		No	annual	report	for 1936			
187	Tillsonburg.......	3,453	1,500 00	1,361	6,469	32,415	111 82	402 14	1,993 83
188	Timmins..........	20,869	5,300 00	6,679	15,343	94,097	159 00	2,680 13	6,985 74
189	Toronto, Main.....	638,271	464,034 00	182,638	422,518	3,676,975	2,405 78	60,593 20	488,417 35
190	Beaches Br......								
191	Boys and Girls Br.								
192	Danforth Br....								
193	Deer Park Br....								
194	Dovercourt Br...								
195	Downtown Br...								
196	Earlscourt Br....								
197	Eastern Br......								
198	Gerrard Br......		In	cluded	in figures	of Main	Library		
199	High Park Br....								
200	Northern Br.....								
201	Queen-Lisgar Br.								
202	Riverdale Br....								
203	Runnymede Br..								
204	Western Br.....								
205	Wychwood Br...								
206	Yorkville Br.....								
207	Trenton..........	6,720	2,600 00	3,191	12,148	44,712	154 00	764 54	3,131 77
208	Uxbridge.........	1,325	500 00	378	7,803	13,162	108 93	176 24	691 45
209	Walkerton.........	2,424	1,200 00	760	9,342	21,823	144 29	426 90	2,009 72
210	Wallaceburg.......	4,860	2,430 00	1,926	6,705	36,303	137 35	787 00	2,937 15
211	Waterford.........	1,200	600 00	320	2,277	8,603	48 90	154 14	616 30
212	Waterloo.........	8,266	4,373 00	2,719	16,894	63,081	209 00	920 72	4,809 12
213	Watford..........	941	600 00	300	5,358	10,221	83 37	185 06	918 71
214	Welland..........	10,540	5,183 00	2,949	13,034	74,815	153 12	1,462 85	5,835 89
215	Weston...........	5,020	2,571 16	3,442	10,752	61,922	185 12	361 93	2,868 35
216	Whitby...........	3,870	1,926 76	1,499	5,912	22,013	134 47	499 06	1,828 30
217	Windsor, Carnegie..	101,568	41,300 00	39,097	85,298	539,199	1,247 84	10,787 03	42,615 35
218	Willistead Br....								
219	J. Richardson Br.								
220	Hugh Beaton Br.								
221	Sandwich Br....		In	cluded	in figures	of Main	Library		
222	Pr. Edward Br...								
223	Victoria Ave. Br.								
224	J. E. Benson Br..								
225	Wingham.........	2,115	1,000 00	1,050	8,918	11,444	154 00	315 93	1,230 50
226	Woodstock.......	11,040	5,550 00	3,260	22,009	91,592	209 00	2,109 25	6,258 32
	Total........	1,992,603	1,064,382 76	630,127	2,414,840	12,520,676	28,057 88	215,891 30	1,175,357 26

ASSOCIATION PUBLIC LIBRARIES

Showing Statistics, 1936, and Legislative Grants Paid in 1937

No.	Library	Population	Borrowers	Volumes in Library	Circulation	Hours Open per Week	Legislative Grant Paid in 1937	Amount Expended on Books	Total Expenditure
							$ c.	$ c.	$ c.
1	Agincourt	500	134	4,678	6,012	4	121 77	205 15	312 46
2	Allenford	300	62	1,398	2,820	78	10 54	8 25	56 01
3	Alliston	1,400	106	1,889	4,259	7½	39 00	89 42	276 88
4	Alton	600	30	3,677	771	2½	11 40	25 00	80 71
5	Alvinston	607	123	1,584	5,997	9	20 00	....	283 95
6	Apple Hill	400	96	1,315	1,765	2	30 28	42 41	60 06
7	Arkona	400	52	3,097	3,812	5	57 70	65 65	190 90
8	Athens	700	190	4,904	3,555	3	33 32	122 36	180 11
9	Atwood	600	82	1,538	1,336	84	48 02	30 52	113 97
10	Auburn	250	37	2,011	1,195	5	10 00	....	103 02
11	Badjeros	250	31	907	483	38	11 70	20 25	47 38
12	Bala	300	61	1,491	1,282	10	35 04	82 21	194 15
13	Bancroft	970	244	3,824	11,559	11	88 25	213 15	347 50
14	Bayfield	400	127	1,766	2,571	78	31 29	56 62	147 95
15	Bayham	100	30	1,050	563	78	20 44	62 42	134 89
16	Baysville	395	61	1,636	2,236	2	16 61	45 57	77 63
17	Beachville	500	31	2,814	1,695	4	14 72	19 65	80 05
18	Beechwood	....	31	2,709	841	54	34 12	60 15	94 23
19	Belmore	500	31	295	681	40	10 00	10 00	16 72
20	Belwood	191	35	3,597	1,130	56	27 73	34 73	134 28
21	Birch Cliff	3,175	124	3,001	6,763	3½	48 53	66 43	254 71
22	Blenheim	1,650	202	7,546	9,909	22	112 22	232 38	817 83
23	Blind River	2,700	154	2,587	6,898	5½	76 87	122 14	194.30
24	Bloomfield	600	135	3,196	7,051	9½	94 93	204 37	394 23
25	Blyth	....	No annual report for 1936						
26	Bobcaygeon	987	106	4,868	3,723	10	71 38	72 67	283 10
27	Bolton	582	61	3,110	1,800	2½	14 48	70 21	122 89
28	Bond Head	200	30	621	739	19	25.37	40 93	76 44
29	Bowmanville	4,000	386	8,393	21,790	33	151 95	408 96	992 90
30	Bradford	1,000	90	2,956	5,696	8	16 75	46 64	124 98
31	Brigden	500	110	688	2,369	7	10 00	1 97	66 00
32	Bronte	500	33	1,513	1,835	1¼	36 17	74 89	92 40
33	Brooklin	500	47	2,902	2,040	10	32 42	55 75	157 40
34	Brougham	200	57	1,431	1,938	72	20 57	57 40	94 45
35	Brown's Corners	350	42	1,178	1,556	2M	10 00	2 15	42 13
36	Brownsville	250	116	1,864	3,797	4½	31 94	33 32	163 91
37	Brucefield	300	52	2,005	791	19	10 00	22 50	67 76
38	Burgessville	150	56	1,889	1,830	6	15 43	16 53	141 85
39	Burlington	3,600	289	5,384	20,612	8	110 93	322 13	805 85
40	Byron	450	104	478	2,114	2	22 02	29 97	72 25
41	Caledon	300	30	3,299	1,034	2	9 00	....	53 06
42	Caledonia	1,250	50	1,378	1,300	4	22 57	56 96	92 62
43	Callander	1,200	67	1,388	3,312	6	11 99	45 25	57 67
44	Cambray	2,740	49	3,395	2,183	14	10 00	....	67 05
45	Camden East	200	43	2,271	1,085	2	11 79	21 56	64 00
46	Canfield	720	32	850	4,847	78	21 09	31 60	83 42
47	Cannington	781	52	4,146	3,685	15	35 33	33 05	151 74
48	Cargill	170	34	3,704	1,333	4	16 08	24 75	111 44
49	Carlisle	....	30	1,192	1,804	78	24 68	27 31	74 89
50	Castleton	500	37	559	1,526	2	10 00	25 00	53 60
51	Chapleau	2,200	99	2,617	6,678	6	26 42	45 73	239 71
52	Chatsworth	303	42	1,671	2,696	66	....	23 30	90 89
53	Cheapside	200	75	3,114	1,978	20	10 72	31 98	67 38
54	Chesterville	1,010	65	1,113	1,943	2	16 13	32 37	182 95
55	Claremont	451	68	3,719	2,208	12	41 07	52 14	129 63
56	Clarksburg	400	93	4,272	4,164	22	69 40	167 04	372 59
57	Clarkson	....	No annual report for 1936						
58	Claude	40	31	3,313	156	......	8 00	14 55	22 86
59	Cobalt	....	No annual report for 1936						

ASSOCIATION PUBLIC LIBRARIES

No.	Library	Population	Borrowers	Volumes in Library	Circulation	Hours Open per Week	Legislative Grant Paid in 1937	Amount Expended on Books	Total Expenditure
							$ c.	$ c.	$ c.
60	Cobourg	5,000	278	6,503	18,871	16	72 88	262 94	922 79
61	Cochrane	3,500	102	7,655	9,985	6	63 12	140 32	289 83
62	Colborne	1,000	165	2,323	9,595	12	69 59	98 32	259 59
63	Coldstream	100	33	2,489	976	84	47 48	37 08	136 84
64	Coldwater	650	84	2,675	3,710	3	60 00	13 75	56 00
65	Comber	600	48	4,357	3,320	8½	74 66	113 14	344 34
66	Coniston	1,600	67	1,710	797	4½	39 20	70 66	108 12
67	Cookstown	550	31	2,271	1,080	4	10 00	2 50	43 76
68	Copleston	....	No ann	ual report	for 1936				
69	Copper Cliff	4,000	1,373	7,386	12,286	14	8 68	235 90	840 13
70	Cottam	300	85	2,423	2,289	10	55 73	118 62	207 76
71	Courtright	335	241	854	5,038	66	28 28	34 28	105 41
72	Creemore	631	50	1,362	3,336	7	29 88	56 55	191 43
73	Delaware	....	No ann	ual report	for 1936				
74	Delta	400	71	1,942	1,574	16	16 66	13 39	115 75
75	Depot Harbour	350	82	3,194	3,062	1	32 78	72 60	105 76
76	Dorchester	500	106	2,761	4,544	74	34 72	54 92	166 96
77	Drumbo	500	33	5,162	1,492	18	10 00	....	113 10
78	Dundalk	646	80	2,555	2,713	63	40 50	54 81	164 36
79	Dungannon	500	68	2,645	4,169	54	54 65	90 95	169 98
80	Dunnville	4,011	54	10,025	1,460	20½	39 08	47 42	353 42
81	Dutton	800	205	5,140	10,265	14	92 05	177 46	621 70
82	Eagle River	100	12	88	30	......	....	....	4 90
83	East Linton	....	No ann	ual report	for 1936				
84	Elmwood	250	117	2,603	2,514	6	22 25	32 34	105 61
85	Embro	460	65	5,123	6,958	6¾	23 27	40 61	164 87
86	Emo	1,268	48	1,679	4,644	78	17 25	25 00	68 61
87	Englehart	1,200	52	954	2,369	2½	18 33	66 04	83 11
88	Ennotville	600	62	4,521	743	2	27 00	24 00	185 79
89	Espanola	2,000	151	4,497	3,409	2	26 31	37 35	84 94
90	Ethel	300	74	1,471	2,666	13	30 11	17 38	169 90
91	Fenwick	2,700	36	2,576	1,678	7½	15 00	72 23	93 20
92	Flesherton	....	No ann	ual report	for 1936				
93	Fordwich	240	74	871	3,847	10	10 00	....	82 81
94	Forester's Falls	800	30	2,687	577	70	10 00	20 00	70 18
95	Frankford	800	164	3,068	5,955	8	103 50	135 50	337 91
96	Fulton	800	30	526	705	8	17 09	25 12	29 51
97	Glamis	100	37	985	1,013	8	21 40	64 26	128 23
98	Glanworth	500	79	2,418	3,412	8	47 71	63 54	165 23
99	Glen Allan	500	56	1,221	1,789	18	10 00	24 70	46 18
100	Glen Morris	200	30	3,242	1,014	72	30 27	29 71	177 99
101	Gore's Landing	200	52	2,279	585	1	58 45	90 65	111 63
102	Gorrie	300	45	1,700	2,105	6	10 00	10 03	58 68
103	Grafton	200	52	2,521	2,573	7	45 47	93 23	163 96
104	Granton	450	84	1,405	3,058	72	21 62	62 33	129 07
105	Haileybury	2,886	202	4,696	10,072	18½	33 97	110 41	501 73
106	Haliburton	....	Re-	organized	March	11th,	1937		
107	Harrietsville	90	61	3,001	1,926	60	36 08	51 55	114 68
108	Harrington	125	35	2,629	1,176	54	25 28	44 67	91 41
109	Harrow	967	66	2,575	4,604	9	52 62	56 13	339 33
110	Harrowsmith	150	33	874	1,639	4	11 75	10 35	102 35
111	Havelock	1,300	58	587	737	4	10 00	33 51	33 51
112	Hepworth	340	53	817	937	11½	10 00	....	52 35
113	Hickson	250	182	1,389	2,380	6	59 67	136 06	197 46
114	Highgate	600	84	2,513	4,275	15	17 75	11 44	224 77
115	Highland Creek	925	37	2,065	1,093	1½	10 00	....	42 00
116	Hillsdale	250	32	2,619	434	4	16 63	23 24	59 88
117	Hilton Beach	410	71	2,343	2,314	6	29 13	50 99	207 47

ASSOCIATION PUBLIC LIBRARIES

No.	Library	Population	Borrowers	Volumes in Library	Circulation	Hours Open per Week	Legislative Grant Paid in 1937	Amount Expended on Books	Total Expenditure
							$ c.	$ c.	$ c.
118	Holstein	250	30	2,592	2,228	84	10 00	6 00	65 48
119	Honeywood	100	59	1,399	667	84	20 07	22 53	54 25
120	Hornepayne	....	No annual report for 1936						
121	Humber Bay	2,250	181	2,703	4,852	2	49 67	88 96	110 68
122	Huntsville	2,995	151	4,512	5,487	12	35 46	140 89	595 93
123	Hyde Park	....	Organized April 16th, 1937						
124	Hyndford	400	132	1,260	1,806	8	20 00	85 01	252 60
125	Ilderton	500	65	1,702	3,958	14	21 48	15 72	131 20
126	Inglewood	200	42	1,634	4,100	2	17 55	27 10	54 95
127	Inkerman	....	No annual report for 1936						
128	Inwood	200	114	1,728	3,166	10	20 00	25 03	302 04
129	Iroquois	900	55	2,962	2,147	6	32 45	46 35	159 59
130	Iroquois Falls	1,300	157	5,561	11,690	7½	105 20	318 81	774 04
131	Islington	....	No annual report for 1936						
132	Ivanhoe	550	30	823	1,100	72	16 95	31 14	56 44
133	Jarvis	530	94	3,979	3,475	8½	21 74	50 01	168 08
134	Kars	300	37	2,216	1,804	3½	21 15	22 99	56 04
135	Kearney	265	19	1,068	1,900	2	....	28 52	35 37
136	Kemble	250	58	1,950	1,321	3	16 30	19 30	119 11
137	Kimberley	375	65	888	1,989	2	12 57	20 10	35 96
138	Kinsale	100	51	1,014	761	3	16 59	78 66	95 85
139	Kintore	2,150	67	2,696	4,219	74	62 93	108 49	170 64
140	Kirkfield	200	77	1,860	4,895	19	42 27	83 77	106 04
141	Kirkland Lake	18,000	770	4,085	26,477	12½	99 00	809 99	2,368 81
142	Kirkton	180	125	1,712	3,878	27	28 96	47 82	267 83
143	Komoka	200	39	2,129	1,842	72	15 00	....	100 85
144	Lakeside	80	144	1,672	4,818	84	47 16	79 57	123 27
145	Lambeth	500	60	2,228	2,624	8	25 59	40 15	564 41
146	Lefroy	2,950	36	1,865	1,379	4	14 92	32 27	50 77
147	Linwood	500	47	791	1,039	5½	17 30	20 04	68 27
148	Londesborough	150	30	477	1,030	84	18 44	43 43	75 92
149	Lorne Park	900	61	2,017	1,284	1½	20 04	33 06	68 07
150	Lucan	615	100	2,164	2,389	8½	32 20	15 00	288 79
151	Madoc	1,000	195	4,396	8,485	8½	26 70	72 75	296 31
152	Mandaumin	400	51	2,436	5,564	4	46 70	58 25	183 35
153	Manilla	200	112	6,619	2,177	31	80 19	134 39	277 56
154	Manotick	1,050	59	2,115	1,115	4½	9 00	36 10	90 19
155	Markham	....	No annual report for 1936						
156	Marmora	1,009	472	3,065	10,441	12	100 79	248 37	635 84
157	Martintown	600	35	1,580	....	5	10 00	....	24 08
158	Maxville	742	38	1,395	1,460	4	....	10 00	61 95
159	Maxwell	300	42	429	1,526	36	10 00	36 09	66 67
160	Melbourne	200	59	1,515	1,248	8	15 00	16 06	114 89
161	Mildmay	764	142	1,566	460	5	15 00	....	149 56
162	Millbank	500	59	1,787	1,035	12	14 00	....	67 40
163	Mill Grove	150	17	1,377	386	1	....	14 24	26 74
164	Minden	300	38	2,419	1,279	2	18 24	18 48	69 86
165	Monkton	....	No annual report for 1936						
166	Mono Road	....	No annual report for 1936						
167	Moorefield	300	35	1,041	767	69	10 69	34 96	75 29
168	Morrisburg	1,400	143	4,457	7,161	8	87 89	111 02	462 65
169	Morriston	200	49	2,120	966	60	24 49	38 18	97 15
170	Mount Albert	700	70	2,123	2,962	8½	35 04	45 58	204 08
171	Mount Brydges	550	37	1,310	981	6	24 00	6 25	41 75
172	Mount Elgin	130	51	1,243	1,782	4	20 17	19 74	87 04
173	Mount Hope	1,380	24	1,374	927	3	....	21 87	91 57
174	Nanticoke	200	30	1,950	2,798	32	10 72	4 00	47 25
175	Napanee	3,416	253	8,667	17,360	28	146 75	510 35	1,508 03
176	Napier	150	36	961	1,289	78	5 00	....	31 33

ASSOCIATION PUBLIC LIBRARIES

No.	Library	Population	Borrowers	Volumes in Library	Circulation	Hours Open per Week	Legislative Grant Paid in 1937	Amount Expended on Books	Total Expenditure
							$ c.	$ c.	$ c.
177	Newburg	420	66	3,113	4,885	4	20 50	25 11	145 37
178	Newbury	250	50	2,212	1,834	6½	16 08	44 65	85 85
179	New Dundee	350	82	1,668	4,164	59	37 07	38 72	120 05
180	Newington	274	43	1,890	1,511	2	15 00	....	133 58
181	New Lowell	200	38	1,076	575	4	16 74	18 93	77 13
182	Niagara	....	No annual report for 1936						
183	Norland	431	167	3,019	2,362	82	10 00	10 00	49 00
184	North Gower	350	52	1,470	2,823	24	38 30	50 00	110 32
185	Odessa	700	32	1,624	1,432	73	22 15	....	129 25
186	Omemee	500	74	1,824	2,383	6	54 32	72 05	203 94
187	Orono	500	70	2,401	3,940	8	21 85	69 51	115 06
188	Osgoode	800	65	1,287	5,188	2	39 44	73 24	84 45
189	Palermo	....	No annual report for 1936						
190	Park Head	150	37	1,054	1,160	78	10 00	9 75	53 31
191	Pickering	600	109	2,853	2,010	11	40 39	29 09	160 23
192	Pinkerton	....	30	2,071	682	4	20 47	22 31	91 37
193	Plattsville	400	176	1,120	1,875	22	15 00	587 62	704 96
194	Plympton	....	30	2,154	4,816	2	28 03	32 06	121 58
195	Point Edward	1,200	56	4,633	2,717	4	10 00	....	28 50
196	Port Credit	1,500	440	5,687	8,722	5½	20 00	75 94	236 50
197	Port Dover	1,600	237	3,899	10,360	27	115 19	131 59	482 28
198	Port Lambton	1,000	47	843	1,825	72	28 40	27 68	102 74
199	Port Stanley	750	129	3,463	4,352	16½	36 98	62 19	318 99
200	Powassan	700	55	2,188	876	6	26 13	39 35	121 86
201	Princeton	350	50	2,597	5,080	8	69 92	121 94	238 01
202	Queensville	300	30	2,101	1,750	5	11 45	22 1	63 67
203	Rebecca	200	47	846	2,126	84	46 84	100 38	155 90
204	Richard's Landing	....	No annual report for 1936						
205	Ridgetown	1,983	263	6,511	14,920	13	137 27	416 75	695 32
206	Ridgeway	900	238	3,754	4,896	7	69 96	93 93	378 36
207	Ripley	....	No annual report for 1936						
208	Rodney	776	99	2,450	3,550	8	51 01	106 67	209 09
209	Romney	1,456	76	5,156	2,737	78	45 34	69 33	110 03
210	Rossdale	150	36	1,741	3,980	42	42 55	63 11	182 57
211	Runnymede	....	No annual report for 1936						
212	St. George	600	110	7,468	2,269	66	56 99	88 56	223 34
213	St. Helens	200	36	2,699	586	2	16 48	20 94	47 69
214	Scarborough	400	41	7,083	1,879	2B.M	20 70	35 38	71 98
215	Schomberg	300	35	650	1,251	2½	15 70	27 37	104 98
216	Scotland	400	88	2,554	1,930	18	16 30	10 90	167 91
217	Shedden	400	34	2,945	780	6½	15 00	25 00	159 09
218	Sheguiandah	200	43	394	652	72	25 20	28 50	123 71
219	Shetland	300	50	1,825	2,932	13	12 75	4 00	85 15
220	Singhampton	401	30	555	226	84	10 00	1 56	15 76
221	Smithville	500	49	2,185	3,082	9½	48 05	116 17	237 22
222	Solina	300	37	1,131	465	5	14 64	21 33	36 97
223	Sombra	400	32	1,363	776	69	31 41	27 07	120 33
224	Southampton	1,935	250	7,064	4,851	6	55 84	217 47	318 04
225	Southcote	....	No annual report for 1936						
226	South Mountain	250	46	1,102	3,207	78	10 00	....	48 40
227	South Woodslee	250	35	1,308	1,799	4	37 23	84 58	170 26
228	Sparta	250	54	1,376	2,267	79	31 64	30 28	132 25
229	Sprucedale	300	37	872	1,493	1	28 48	42 13	63 56
230	Stevensville	400	37	1,643	1,402	4	24 16	13 86	213 69
231	Strathcona	350	30	2,268	935	2	30 02	40 04	83 70
232	Stratton	123	32	1,018	1,167	2½	26 52	55 70	174 38
233	Sunderland	500	105	2,192	3,877	3½	20 41	86 01	139 45
234	Sydenham	650	69	2,862	4,418	12	57 71	55 61	284 42

ASSOCIATION PUBLIC LIBRARIES

No.	Library	Population	Borrowers	Volumes in Library	Circulation	Hours Open per Week	Legislative Grant Paid in 1937	Amount Expended on Books	Total Expenditure
							$ c.	$ c.	$ c.
235	Thamesford	500	89	1,373	5,541	6	54 08	114 23	244 22
236	Thedford	600	83	1,979	8,576	15	57 83	79 31	192 97
237	Thessalon	1,750	44	....	1,151	6	....	10 45	139 12
238	Thornbury	782	117	2,793	5,707	16	80 00	95 54	483 09
239	Thorndale	300	40	2,248	3,361	12½	18 00	16 83	160 83
240	Thornhill	600	58	897	1,419	2½	38 75	51 75	78 10
241	Tiverton	250	67	2,194	3,731	4	23 17	90 44	151 84
242	Tottenham	539	59	2,950	1,362	42	24 74	66 87	193 94
243	Tweed	1,350	98	3,996	4,005	5½	46 14	91 60	348 26
244	Underwood	300	43	2,004	2,653	72	27 62	54 09	112 49
245	Unionville	500	85	2,606	3,579	2	51 95	106 16	324 03
246	Vankleek Hill	1,600	50	1,249	3,225	9	34 51	58 85	138 27
247	Varna	500	44	1,440	1,058	14	49 57	91 28	143 84
248	Victoria	....	36	3,520	597	3	15 00	....	90 17
249	Victoria Road	....	No annual report for 1936						
250	Vittoria	....	Organized, October 19th, 1937						
251	Walton	....	No annual report for 1936						
252	Wardsville	249	36	2,878	3,416	6	24 83	48 88	141 76
253	Warkworth	500	90	2,625	4,321	8	18 10	73 94	155 02
254	Waterdown	940	52	2,031	2,644	6	37 05	79 93	155 47
255	Wellburn	250	45	540	565	2	25 23	45 47	58 43
256	Wellesley	500	121	2,832	3,768	3½	27 25	18 16	229 49
257	Wellington	900	217	3,120	11,252	11½	23 18	125 20	559 22
258	West Lorne	800	69	2.107	4,019	9	24 44	20 03	150 58
259	White Lake	....	No annual report for 1936						
260	Whitevale	300	57	1,881	2,425	5	41 11	61 12	129 14
261	Wiarton	1,766	154	4,257	3,202	30	70 03	97 06	469 57
262	Williamstown	....	No annual report for 1936			......			
263	Winchester	1,029	53	2,659	3,020	9	16 75	30 86	145 11
264	Woodbridge	800	51	3,857	3,305	1	19 93	46 83	78 48
265	Woodville	425	68	2,555	1,871	15	28 95	19 20	173 19
266	Wroxeter	400	115	6,497	3,615	6	33 16	46 64	144 42
267	Wyoming	520	297	2,780	9,490	58	104 76	171 52	334 85
268	Zephyr	650	43	2,060	1,168	3	13 47	39 14	80 79
269	Zurich	....	No annual report for 1936						
270	Elgin County	....	....	131	380	......	228 44	137 32	162 61
271	Lambton County	....	....	3,394	33,236	......	700 00	803 91	1,238 74
272	Middlesex County	....	....	969	12,917	......	420 00	405 20	437 62
273	Oxford County	....	......Organized January 14th, 1937				70 00	....	....
274	Howick Township	....	....	480	....	......	36 67	49 62	60 30
	Total	192,086	21,733	615,642	866,387	......	9,463 69	17,336 70	48,029 34

APPENDIX J

REPORT OF THE SUPERINTENDENT OF THE ONTARIO SCHOOL FOR THE DEAF

I have the honour to submit herewith the Annual Report of the Ontario School for the Deaf for the year ending March 31st, 1938.

Attendance

Enrolment by months:—

	Boys	Girls	Total
April, 1937	149	141	290
May	149	141	290
June	149	141	290
September	124	128	252
October	137	139	276
November	137	139	276
December	137	139	276
January, 1938	139	141	280
February	141	142	283
March	142	142	284

Average Attendance for the year—280.

Enrolment by counties and districts:—

Algoma	8 pupils	Muskoka	2 pupils
Brant	6 “	Nipissing	4 “
Bruce	3 “	Norfolk	2 “
Carleton	11 “	Northumberland	2 “
Cochrane	4 “	Ontario	4 “
Dufferin	1 “	Oxford	5 “
Dundas	3 “	Parry Sound	3 “
Durham	2 “	Peel	1 “
Elgin	1 “	Perth	2 “
Essex	25 “	Peterborough	3 “
Frontenac	7 “	Rainy River	4 “
Grenville	1 “	Renfrew	7 “
Grey	2 “	Russell	1 “
Haldimand	2 “	Simcoe	6 “
Haliburton	1 “	Sudbury	7 “
Halton	3 “	Thunder Bay	8 “
Hastings	7 “	Timiskaming	16 “
Huron	2 “	Victoria	1 “
Kenora	3 “	Waterloo	11 “
Kent	6 “	Welland	7 “
Lanark	3 “	Wellington	5 “
Leeds	6 “	Wentworth	13 “
Lincoln	2 “	York	55 “
Middlesex	9 “		

Enrolment by cities:—(These pupils are also included in the enrolment by counties and districts).

Brantford	4 pupils	Ottawa	8 pupils
Fort William	4 “	Peterborough	0 “
Hamilton	13 “	St. Catharines	1 “
Kingston	5 “	Sault Ste. Marie	4 “
Kitchener	4 “	Toronto	40 “
London	8 “	Windsor	22 “
Oshawa	3 “		

Thirty-six pupils left during the year, and thirty-four pupils were admitted for the first time.

The ages of pupils leaving school were:—

21 years	1 pupil	15 years	2 pupils
20 "	3 pupils	14 "	2 "
19 "	5 "	13 "	4 "
18 "	3 "	12 "	1 "
17 "	5 "	9 "	1 "
16 "	9 "		
Total	36 pupils		

Of the ten pupils leaving school before they were sixteen years of age, five are attending other schools, two left the Province of Ontario, and three are at home.

Ages of new pupils on date of admission:—

5 years	5 pupils	10 years	5 pupils
6 "	5 "	11 "	2 "
7 "	5 "	12 "	1 "
8 "	3 "	13 to 20 years	5 "
9 "	3 "		
Total	34 pupils		

Classification

The school is organized in three departments—junior, intermediate, and senior. The academic standing of the various groups as compared with hearing children is:—

Junior School:

3 rooms	Junior I	Preparatory
3 rooms	Junior II	Preparatory
4 rooms	Junior III	Preparatory
1 room	Junior IV	Grade I

Intermediate School:

Intermediate	A. 1	Grade II
Intermediate	A. 2	Grade III
Intermediate	A. 3	Grade IV
Intermediate	A. 4	Grade V

Senior School:

Senior	A. 1	Grade VI
Senior	A. 2	Grade VII
Senior	A. 3	Grade VIII
Senior	A. 4	Grade IX

Dr. H. E. Amoss, Inspector of Auxiliary Classes, inspected the School during the first week of March. The following excerpts regarding classification are quoted from his report:—

> Deaf children enter the school, not only without language, but without conception of the meaning of language, either as a vehicle of communication or as a medium of thought. Three years (preparatory) are devoted to the inculcation of an art possessed by every hearing child on his entrance to school.
>
> Children who enter school late in life (after 9 or 10 years of age) and who have become habituated to using imaginative in contradistinction with symbolic or language thought-processes, and children who are mentally retarded do not, as a rule, absorb language readily, either as reading

or thinking. In other respects their mental development is fairly normal. In the intermediate and senior schools it has been deemed desirable to class such pupils in what are termed vocational groups, in order that they may, by yearly promotion, be brought into contact with more mature aspects of vocational training, mathematics, and the social studies, and not suffer undue retardation in all departments through lack of facility in language.

Using accomplishment in the reading and writing of English as a basis for classification, the pupils, in comparison with hearing children, might be graded as follows:—

Preparatory	125 pupils	Grade V	12 pupils
Grade I	34 "	Grade VI	8 "
Grade II	29 "	Grade VII	15 "
Grade III	28 "	Grade VIII	10 "
Grade IV	17 "		
Total	278 pupils		

The following age-grade table is based on the classification in academic and vocational groups: (*See table on page 68.*)

Attendance and Course of Study

A pupil should complete the course of study in twelve years, i.e., four years in junior school, four years in intermediate school and four years in senior school. The length of time pupils have been in attendance is given in the following attendance-grade table. It is obvious that if a deaf child does not remain in school long enough to complete the course, his education is inadequate. Should he, however, be unable to make satisfactory progress, due to late entry or lack of ability, it is not advisable for him to continue in school. (*See page 69 for attendance grade table.*)

Ontario School Ability Examination

As stated in my report last year the Ontario School Ability Examination is of inestimable value in determining the eligibility of candidates for admission. It is also of value in determining the proper grading of pupils. One hundred and sixteen pupils in the junior school have been re-tested during the present school year, and the results are given below in a form to be compared with Terman's classification of intelligence.

Intelligence Quotients:	
Above 140	1
120 - 140	9
110 - 120	11
90 - 110	52
80 - 90	24
70 - 80	12
50 - 70	7
	116

While every effort is made to teach all of these pupils speech, lip-reading, written language, silent reading and arithmetic, and while all possible aids are used to this end, the capabilities of the children are always kept in mind. Hence, when they have attained the age of twelve years, they are promoted, regardless of accomplishment, to the intermediate school, where they have opportunity to learn manual training or household science and where the academic subjects are presented by several teachers.

AGE-GRADE TABLE

	4 yrs.– 5 yrs.	5 yrs.– 6 yrs.	6 yrs.– 7 yrs.	7 yrs.– 8 yrs.	8 yrs.– 9 yrs.	9 yrs.–10 yrs.	10 yrs.–11 yrs.	11 yrs.–12 yrs.	12 yrs.–13 yrs.	13 yrs.–14 yrs.	14 yrs.–15 yrs.	15 yrs.–16 yrs.	16 yrs.–17 yrs.	17 yrs.–18 yrs.	18 yrs.–19 yrs.	19 yrs.–20 yrs.	20 yrs.–21 yrs.	21 yrs.–22 yrs.	Medial Age	Total	Total
3 rooms—Junior I	0	5	5	4	7	7	6												8 years 3 months	34	
3 rooms—Junior II		1	10	8	9	5	1	1											8 years 2 months	35	
4 rooms—Junior III			1	6	6	15	13	3	2										9 years 8 months	46	
1 room —Junior IV						5	8												10 years 2 months	13	128
Intermediate—A 1						2	3	5	3										11 years 2 months	13	
Intermediate—V 1							2	1	2	3	2								12 years 9 months	10	
Intermediate—A 2								4	3	2									12 years 5 months	9	
Intermediate—V 2								2	2	7	1								13 years 3 months	12	
Intermediate—A 3										3	6								14 years 1 month	9	
Intermediate—V 3							1	5	3	2									12 years 1 month	11	
Intermediate—A 4									1	2	7	1	1						14 years 5 months	12	
Intermediate—V 4									4	2	3								13 years 4 months	9	85
Senior—A 1										2	4	2							14 years 6 months	8	
Senior—V 1												1	4	3		1			17 years	9	
Senior—A 2											4	4	4	2	1				16 years 1 month	15	
Senior—V 2												3	1	1					16 years	5	
Senior—A 3									1		1	2	2	3	1				16 years 1 month	10	
Senior—V 3												5	5						16 years	10	
Senior—A 4																					
Senior—V 4													1	4	2		1		17 years 11 months	8	
Senior—V 5																4	1		19 years 8 months	5	70
		6	16	18	22	34	34	21	21	23	28	18	18	13	4	5	2				283

ATTENDANCE-GRADE TABLE

	0 yrs.– 1 yr.	1 yr. – 2 yrs.	2 yrs.– 3 yrs.	3 yrs.– 4 yrs.	4 yrs.– 5 yrs.	5 yrs.– 6 yrs.	6 yrs.– 7 yrs.	7 yrs.– 8 yrs.	8 yrs.– 9 yrs.	9 yrs.–10 yrs.	10 yrs.–11 yrs.	11 yrs.–12 yrs.	12 yrs.–13 yrs.	13 yrs.–14 yrs.	Medial Attendance	Total	Total
3 rooms—Junior I	23	10	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8 months	34	
3 rooms—Junior II	2	20	12	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1 year 8 months	35	
4 rooms—Junior III	.....	1	26	12	5	2	.....	.....	.....	.....	.....	.....	.....	.....	3 years	46	
1 room —Junior IV	.....	.....	.....	2	9	2	.....	.....	.....	.....	.....	.....	.....	.....	4 years 6 months	13	128
Intermediate—A 1	.....	.....	.....	2	4	5	2	.....	.....	.....	.....	.....	.....	.....	5 years 1 month	13	
Intermediate—V 1	1	2	3	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	3 years 1 month	10	
Intermediate—A 2	1	.....	.....	1	.....	1	5	1	.....	.....	.....	.....	.....	.....	6 years	9	
Intermediate—V 2	.....	1	.....	1	4	2	2	1	.....	.....	.....	.....	.....	.....	4 years 9 months	11	
Intermediate—A 3	.....	.....	1	.....	.....	1	2	2	2	1	.....	.....	.....	.....	7 years	9	
Intermediate—V 3	.....	3	3	.....	.....	4	2	.....	.....	.....	.....	.....	.....	.....	4 years	12	
Intermediate—A 4	.....	.....	.....	.....	1	2	5	3	.....	1	.....	.....	.....	.....	6 years 7 months	12	
Intermediate—V 4	.....	.....	.....	.....	3	1	5	.....	.....	.....	.....	.....	.....	.....	5 years 8 months	9	85
Senior—A 1	.....	.....	.....	1	.....	.....	3	1	1	2	.....	.....	.....	.....	7 years	8	
Senior—V 1	.....	2	1	3	.....	1	2	.....	.....	.....	.....	.....	.....	.....	3 years 8 months	9	
2 rooms—Senior—A 2	1	2	.....	1	1	.....	1	4	2	1	2	.....	.....	.....	6 years 8 months	15	
Senior—V 2	.....	.....	.....	.....	.....	1	.....	1	.....	2	1	.....	.....	.....	8 years 4 months	5	
Senior—A 3	.....	2	.....	.....	1	.....	1	1	4	1	.....	.....	.....	.....	7 years	10	
Senior—V 3	.....	.....	.....	.....	.....	.....	2	2	2	2	2	.....	.....	.....	8 years	10	
Senior—A 4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	......	
Senior—V 4	.....	.....	.....	.....	.....	.....	1	.....	1	.....	2	2	.....	2	10 years 5 months	8	
Senior—Special—V 5	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	.....	1	.....	10 years 5 months	5	70
	28	43	47	24	28	26	33	16	12	12	9	2	1	2	3 years 9 months	......	283

Hearing and Speech in Deaf Children

In January, 1937, The Medical Research Council of England issued a bulletin on the Hearing and Speech in Deaf Children by Dr. Phyllis M. T. Kerridge. This report describes the results of an investigation made by Dr. Kerridge into the hearing and speech defects of a group of school children in London, England. Dr. Kerridge's conclusions are in agreement with those of other investigators. They demonstrate that the speech of most deaf children is improved by the use of amplifiers, but that the benefit obtained by the children is roughly proportional to their amount of hearing, although it is affected also by their intelligence. This is recognized in all schools for the deaf and indicates the importance of keeping accurate records of the degree of deafness of all pupils.

The degree of deafness of one hundred and seventeen pupils of the junior school, as determined in recent months by the use of a I. A. audiometer is given in the following table. The ear having the greater amount of residual hearing is used for record purposes.

90% to 100%	loss of hearing	19 pupils
80% to 89%	" " "	36 pupils
70% to 79%	" " "	24 "
60% to 69%	" " "	24 "
50% to 59%	" " "	8 "
40% to 49%	" " "	5 "
30% to 39%	" " "	0 "
20% to 29%	" " "	1 "
Total		117 pupils

It is possible that the pupil with a hearing loss of less than 30 per cent. may soon re-enter a school for hearing children. Dr. Kerridge states:—

> It is a rough rule that if a child can hear a conversational voice 20 feet away from a teacher he can continue his education in the ordinary school. If he can hear less than 20 feet away, but more than 2 feet away, he is suitable for a school for the partially deaf; and he if cannot hear as far as 2 feet, he should be educated in a school for the deaf.

Possibly thirteen of the pupils listed above would be classified, according to Dr. Kerridge, in the "partially deaf" group, and these are the pupils who receive the greatest help from amplifiers of sound.

Dental Survey

When school is closed in June for the summer vacation, a report is sent to the parents regarding the condition of their children's teeth, and the parents are asked to have all dental work done during the summer months. It is regrettable that most of the children return to school in September with their teeth in the same condition as when they left in June.

As a dental survey was being made in Belleville in March, 1937, under the direction of Dr. Harry S. Thompson, Field Secretary of the Canadian Dental Hygiene Council, a partial survey of the teeth of our pupils was made by one of the local dentists at that time. One hundred and twenty-one pupils were examined and these children had four hundred and forty-three defects. Some children had as many as nine and ten defects and in many cases the teeth should have been extracted.

There has never been any provision for dental treatment of our pupils except to have teeth extracted if a child were suffering from toothache. That dental care should be provided for these children either when they are at home during the summer months or during the school year is very evident. Many schools for the deaf have established dental clinics as the most satisfactory way of solving this problem. It might, however, be less expensive to have the work done in the office of a local dentist.

EXCERPTS FROM THE REPORT OF DR. H. E. AMOSS WHO INSPECTED THE SCHOOL DURING THE FIRST WEEK OF MARCH

Plant

"1. Farm buildings are in good shape. A new barn to replace the horse barn, recently burned, and to extend dairying operations, should place the farm on a more profitable basis.

2. The two vocational buildings have almost served their day. The floors are rough, uneven, and broken. When a new vocational building is being planned, provision should be made for a modern gymnasium of which the school stands sorely in need, especially during the between seasons when outside play for the pupils is not possible.

3. The laundry has recently been furnished with a new mangle and a new extractor. The drying equipment is antiquated but should give fair service for some time yet.

4. The main building is well kept. Attention is drawn to the need of new boiler facilities. The two at present in use are not adequate to meet the heating requirements of the additional plant (junior residence) without driving to such an extent that the fire brick linings are burned away each year. A refrigerating system is badly needed in the kitchen, both from the viewpoint of health and economy.

5. The children are well-fed, healthy, clean, and neatly clothed.

6. Owing to the care exercised by Doctors Tennent and Chant, and Miss Fitzgerald, school nurse, as well as the entire staff, the pupils this year have presented a remarkably clean bill of health.

Discipline throughout the school is excellent, and a happy school spirit is in evidence. The staff supports the Principal loyally in all his undertakings.

7. Athletic activities throughout the school are being exceptionally well handled, the boys' by Mr. Cunningham, the girls' by Miss Connell, supported by the whole-hearted co-operation of the staff. From the viewpoint of training in health and the disposition of children after school hours during inclement weather, the school stands in need of adequate gymnasium facilities. It is noted that several recent graduates have obtained positions largely through their proficiency in sport activities.

Vocational courses are well handled throughout the senior school.

The vocational guidance instruction provided by Mr. Lally is a very real factor in the life of the school providing as it does a vital link between isolated institutional life and the actual world. A questionnaire is being sent out to all graduates for the purpose of discovering actual opportunities of employment. The deaf stand in great need of a placement officer to assist in making approach.

8. Very satisfactory progress is being made in academic training. Arithmetic is well handled throughout the school. Reading has very greatly improved

during the past two years, due to decreased formal language drill and increased reading practice. One of the great handicaps to progress in reading is the fact that the usual primer and intermediate readers do not discriminate sufficiently between easy and difficult constructions. For example "It is a cat" presents much greater difficulty to a deaf child than "The man rides a bicycle," or "The girl makes a dress" is harder than "The girl sews a dress". It is possible that such difficulty might be overcome in part by preparing readers or reading sheets beginning with specific nouns and adjectives and employing at first only active verbs. The chief aim in view is to get the child not to read language but to think in language. It is conceivable that much of the difficulty in speech training and lip-reading has root in the inability of the child to carry on thought processes in language."

School Calendar

April 14th—A banquet for the junior championship teams was held. Pennants were presented to the captains of the winning teams in softball, football, hockey and volley-ball. The Midgets who won the championship in competition with city teams in the Ki-Y league were honoured.

April 21st—A banquet was given to the senior and intermediate championship teams. Boys' teams who were winners in softball, hockey, volley-ball, and rugby, and girls' teams who were winners in volley-ball, softball, and badminton were included.

April 28th—Dr. Percival Hall, President of Gallaudet College, Washington, U.S.A., visited the school. He was accompanied by Mr. E. G. Peterson, Principal of the Saskatchewan School for the Deaf, Reverend Alexander MacGowan, Minister of the Evangelical Church of the Deaf, Toronto, and Mr. David Peikoff, Secretary, Ontario Association of the Deaf.

May 12th—Coronation Day. The pupils joined the children of Belleville in celebrating the Coronation of King George VI and Queen Elizabeth. The school and residences were artistically decorated with flags and bunting for the occasion.

June 1st—Field Day. Boys and girls competed in all types of field sports.

June 5th—Pupils competed with hearing children in the Bay of Quinte district. The junior individual championship was won by one of our girls, Anna Hedden, and the junior girls' group championship was awarded to the O.S.D.

June 8th—Closing exercises were held on the school campus. Approximately one thousand guests were present to enjoy the entertainment provided by the children. Later in the evening the visitors inspected the vocational work of the pupils placed on exhibit in the assembly room and classrooms.

June 14th—Certificates, prizes, diplomas, and medals were presented to the pupils in the assembly room.

Special prizes for general proficiency were donated for the first time by the Ontario Association of the Deaf. The presentation was made by Mr. R. E. McBrien, B.A.Sc., a graduate of the school. The recipients of these prizes, to be known as Princeps Alumnus and Alumnae Prizes, were Russell Manning and Helen Hallman.

October—Hallowe'en parties were given by the teachers to the junior, intermediate, and senior pupils respectively.

November 16th—Pupils entertained the members of the Commercial Travellers' Association in Hotel Quinte.

December 2nd—Annual bazaar was held

February 11th—Annual ice races on school rink.

February 12th—Annual ice-carnival on school rink, followed by refreshments. in the assembly room.

Fees for Food and Sustenance

Since the opening of the school in 1870 parents have been required to pay a fee of $50.00 per annum for each child towards the cost of his food and housing. In many schools for the deaf, including some schools in Canada, parents are not required to pay anything towards the maintenance of the child in school. To obtain exemption from the payment of this fee in the Ontario School for the Deaf, parents have been required to submit a remission of fees form signed by the mayor or reeve of the municipality in which the parents live, stating that they are unable to pay. At the beginning of the school year 1937-38 the policy was adopted of requiring parents to submit a remission of fees form for each school year. For the present school year parents of 68 pupils have paid the usual fee, 198 have submitted certificates, and, up to April 1st, 18 had failed either to pay or to submit certificates.

Vocational and Social Questionnaire

With the co-operation of the Ontario Association of the Deaf a questionnaire was sent to deaf men and women in Ontario to determine what work they are doing and what pay they are receiving. The purpose of the questionnaire is to determine ways and means in which the school can co-operate with the adult deaf in assisting them to find employment. It is also hoped that the answers received will be of assistance in determining the help that can be given through vocational guidance and the vocational training most suitable for the deaf. A complete report is not available but sufficient answers have been received to indicate the difficulties in the way of the deaf finding jobs after leaving school.

Handbook of Information

During the year a new Handbook of Information concerning the work of the school was prepared by the Superintendent and printed in the school print-shop. Copies were sent to all school inspectors and to all hospitals in Ontario.

Report of the School Physician

At the time for school opening in September there were in Ontario scattered cases of anterior poliomyelitis. As our children come from all parts of the Province, the question of delay in opening of school was considered. As there seemed no reason to think that the epidemic, as far as we locally were concerned, would subside in a month or so, it was decided to open school at the usual time.

In our junior residence we had a special nurse to supervise the children. Pupils in all residences were closely watched and any elevation of temperature or evidence of the slightest illness was reported. Those so suffering were immediately sent to the hospital. No children were allowed to leave our own school grounds. No visitors were allowed, and our staff co-operated in every way as far as quarantine was possible. We were fortunate in having no cases of poliomyelitis.

The total admissions to hospital, for the school year, were 426. These included: 24 cases mumps, April 14th, 1937 to June 25th, 1937; 24 cases chickenpox November 29th, 1937 to January 30th, 1938; 28 cases measles, January 16th, 1938 to March 7th, 1938. An epidemic of gastro-intestinal infection was responsible in January for admittance of a large number for some two or three days. There was one case of appendicitis, which required operation.

The children entering school for the first time were given diphtheria and scarlet fever immunization. Those who had not been vaccinated against smallpox were vaccinated.

The outdoor department of the hospital was busy, as usual.

R. W. Tennent,
Physician.

Bursar's Report

Cost per Pupil, School for the Deaf, Year ending March 31, 1938

Heading of Expenditures	Total expenditures year ending March 31, 1937	Yearly cost per pupil ending March 31, 1937	Weekly cost per pupil ending March 31, 1937	Total expenditures year ending March 31, 1938	Yearly cost per pupil ending March 31, 1938	Weekly cost per pupil ending March 31, 1938
Medicine and medical comforts.	478.04	1.64	.03	512.61	1.83	.04
Groceries and provisions.......	22,194.01	76.01	1.46	23,318.45	83.28	1.60
Bedding, clothing and shoes....	657.19	2.25	.05	894.56	3.20	.06
Fuel, light, power and water....	13,484.21	46.18	.89	15,076.17	53.84	1.03
Laundry, soap and cleaning....	1,782.03	6.10	.12	1,393.75	4.98	.10
Furniture and furnishings......	1,126.75	3.86	.08	457.21	1.63	.03
Farm expenses...............	2,781.17	9.52	.18	2,777.05	9.92	.19
Repairs and alterations........	2,221.20	7.61	.15	2,245.90	8.02	.15
School supplies and equipment..	1,606.66	5.50	.10	2,126.45	7.59	.15
Maintenance of motor vehicles..	776.30	2.66	.05	827.27	2.95	.06
Contingencies...............	1,824.21	6.25	.12	2,030.16	7.26	.14
Vocational supplies...........	2,681.26	9.18	.18	3,177.19	11.35	.22
Travelling expenses...........	675.56	2.31	.04	894.59	3.19	.06
Salaries and wages............	86,014.99	294.57	5.66	86,066.47	307.38	5.91
Total expenditures........	138,303.58	473.64	9.11	141,797.83	506.42	9.74
Revenue						
Pay Pupils..................	3,438.08			3,326.00		
Farm.......................	6,203.72			5,515.90		
Canadian....................	71.78			64.55		
Industries..................	460.56			324.82		
Miscellaneous...............	684.72			475.06		
Perquisites, Pay List..........	6,338.21			6,661.15		
Total..................	17,197.07			16,367.48		

Average number of pupils, 1936-37 term, 292.
Annual cost per pupil, $473.64.
Weekly cost per pupil, $9.11.

Average number of pupils, 1937-38 term, 280.
Annual cost per pupil, $506.42.
Weekly cost per pupil, $9.74.

C. B. McGuire,
Bursar.

Conclusion

Appreciation is expressed to the Minister, the Deputy Minister, and all officials of the Department of Education and other Departments of the Government for sympathetic co-operation in the work of the school. The members of the teaching staff have been faithful and efficient. Teaching deaf children is exacting work, requiring physical stamina and exceptional teaching ability. Out-of-school responsibilities, such as teaching on Sunday morning, study duty, and shopping duty, make special demands on the teachers' time. That the teachers perform their many duties so cheerfully is acknowledged with grateful thanks

W. J. MORRISON,
Superintendent.

Belleville, April 23rd, 1938

APPENDIX K

REPORT OF THE SUPERINTENDENT OF THE ONTARIO SCHOOL FOR THE BLIND

Foreword

"The function of a headmaster is simply to make people realize that there are other things in the world."—NORWOOD OF HARROW.

The curriculum is to be thought of in terms of activity and experience, rather than of knowledge to be acquired and facts to be stored.

One must realize that schools do vastly more than turn out scientists, or mathematicians, or geographers, or merchants, or industrialists. Schools must see to it that the individual characteristics and personalities are expanded while character is developed.

It is a great thing not to bemoan your fate, even in the face of tremendous handicap.

"I am the master of my fate,
I am the captain of my soul."

"He profits most who serves best."—

Rotary International.

Enrolment

	Boys	Girls	Total
Enrolment January 1, 1937	78	66	144
Admitted January 1, to June, 1937	4	2	6
Admitted September, 1937	15	10	25
	97	78	175
Left in June, 1937	16	8	24
	81	70	151
Admitted September, 1937, to January 1, 1938	0	1	1
	81	71	152
Left September, 1937, to January 1, 1938	1	0	1
Enrolment, January 1, 1938	80	71	151

Graduates and Withdrawals

Age	No. Pupils	Reason for withdrawal
9	1	Transfer to a school for the seeing.
11	2	Transfer to schools for the seeing.
13	1	Epilepsy.
14	1	Transfer to a school for the seeing.
15	2	Transfer to Collegiate Institute, Toronto. Returned homesick to the prairies.

Graduates and Withdrawals—*Continued*

Age	No. Pupils	Reason for withdrawl
16	4	Two to schools for the seeing. One, epilepsy. One, transferred to Virginia School for the Blind.
17	2	One, to employment. One, transfer to Nazareth Institute, Montreal.
18	1	Transfer to Pennsylvania Institute for the Blind.
19	2	One, to employment. One, to employment on farm at home.
20	2	Both to employment.
21	3	Two to employment. One transfer to Technical School, Hamilton.
22	1	To employment.
23	2	Both to employment.
25	1	To employment.

To summarize the above detail, we have transferred eight pupils to schools for the seeing. Three of these pupils improved in their seeing score sufficiently to enable them to read ink print. The other five were admitted because low mentality led to a misconception of their seeing score, and in one case at least, the child was admitted to relieve a bad social condition. In all, there were six transfers to other schools, three to High Schools for the seeing, two to High Schools for the Blind, and one to Elementary School for the Blind. Two epileptics. One boy, homesick, went home to the Prairies. One boy (M.D.) remained at home.

All ten graduates of the year are employed.

New Pupils in Age Groups

Age	No. Pupils	Age	No. Pupils	Age	No. Pupils
7 years	5	12 years	3	17 years	3
8 "	1	13 "	2	*18 "	1
9 "	3	14 "	1	†20 "	1
10 "	2	15 "	3	‡21 "	2
11 "	1	16 "	3	§25 "	1

*Brain tumour case.

†This boy had dropped out in June, 1936, but when Christmas came and he still had no employment, he asked to come back and finish the year, which he did. He is now operating a concession stand at the Buffalo-Ankerite Mines.

‡One boy and one girl, both with M. D. rating, were admitted for training in social living as a preparation for some work which the C.N.I.B. might find for them. The training of the girl, we think has been successful, but with the boy, we think it was a failure.

§This Ottawa young man was admitted for a four months' term by special permission of the Minister, in order that he might have an intensive training, prior to being employed in his native city.

Enrolment by Grades, January 1, 1938

Grade 1	17	Grade 7	14
Grades 2 and 3	13	Grade 8	24
Grade 4	13	Grade 9	17
Grade 5	15	Grade 11	15
Grade 6	13	Grade 12	10
		Total	151

Enrolment by Provinces

	1936	1937
Ontario	101	111
Alberta	19	18
Manitoba	9	8
Saskatchewan	15	14

Mental Ratings of New Pupils

I.Q.	No. Pupils	I.Q.	No. Pupils
140 plus	0	75-90	11
120-140	3	50-75	3
110-130	2	50 minus	0
90-110	13		
		Total	32

May I call your attention to that part of my last year's report dealing with the non-educable and the more retarded child, and also the paragraph on epileptics. I do think that our Government authorities should plan to provide for these groups who do not fit into any existing type of school, and who are incapacitated for functioning happily in any normal seeing family group.

You will note three pupils in the above table, all in the deficient bracket. They are making some progress academically, and are learning to react cooperatively in a social group. Otherwise, the spread of ratings conforms fairly well to the normal curve.

High School Department

During the past two years we have been organizing and preparing ourselves for recognition as a high school of approved standing. Our organization as above, shows classroom grades IX, XI, and XII. We have added Miss Anne Hodge, B.A., (Toronto University), Specialist in French and Spanish, to our High School staff. This year, we are to have an official High School inspection

New Course of Study

The introduction of the new course of study has made little change in our programme. For the past three years we have striven for pupil activity, development of personality and individuality,—in short, development of the whole child.

We are handicapped, however, in not being able to get as great a spread of reading material for individual study as is available to the seeing pupil. Further, we are handicapped by not being able to purchase all the good material available in Braille that we need. From time to time, however, we are adding such of the best as our finances allow.

Health and Physical Education

It is significant that the Child Welfare Committee of the League of Nations, at their meeting in April, 1933, passed the following resolution: "Great stress should be laid upon the physical development of blind children, both as a part of their educational training in school, and also by means of games, recreational activities, and camping, which can be carried on in association with normal children, under the direction of such societies as the Girl Guides, Boy Scouts, and the Junior Red Cross."

Again, English educational leaders state in a report: "The blind child, as we see him at the beginning of his school life, is too often lacking in confidence and neuro-muscular control. He frequently has 'blindism' habits. His joints are usually lax, and his muscles flabby, and it is still more deplorable that he often has no joy in movement, and his emotional and muscular energy find a blind alley output in finger tappings, head shakings, body rockings, etc., . . . unless care is taken, all those orthopedic defects associated with this condition,—flat feet, weak ankles, curvature, knock knees, etc.,—lie in wait for him too."

It would give the writers of the above great joy to see our students skating,—six days a week, and generally more than once a day. True, we have to combat the deficiencies quoted above. Our six, seven, and eight-year-olds, however, all skate fairly proficiently at the end of their first winter. Our school rink has been in operation now for three years. I think it is not overstating the case to say that, largely due to this healthful exercise, we have established an all-time low record for days spent in hospital during the past winter.

Every pupil in the school has a daily period in physical education. The work covered includes games, camp groups in song and story, formal gymnastics, field games, and eurhythmics.

In May, 1937, we had an international school meet in field and track athletics with the Batavia, New York, School for the Blind. The Ontario School for the Blind bettered their opponents in all events except one, and won the challenge cup.

In June, our senior boys' and senior girls' groups each spent a long week-end at Camp Thayendanegea. They indulged in general camp life of games, evening camp fires, etc., and did their own cooking and other camp housekeeping duties.

Music

In our Music Department, we have given instruction as shown in the following table:—

Piano	111 pupils
Orchestral Instruments (Woods, strings, brass and percussion)	44 pupils
Individual Vocal	9 pupils
Organ	5 pupils
Choral (in 3 separate groups)	Whole School
Musical Theory (for Toronto Conservatory examinations)	53 pupils

The following is a list of candidates who sat for Toronto Conservatory of Music examinations during the past year, with their standings:—

Form	Standing
Elizabeth Gliddon	Honours
Leo Carroll	1st Class Honours
Tina Biluk	Honours
Helen Self	Honours
History—Grade V	
Elizabeth Gliddon	1st Class Honours
Tina Biluk	1st Class Honours
Helen Self	Honours
Geraldine McGregor	1st Class Honours
Mildred Philpott	Honours
Harmony—Grade V	
Leo Carroll	1st Class Honours
Piano—Grade X	
Tina Biluk	Honours
Oliver Bell	Honours

Theory—Grade II	Standing
Annie Simons	Honours
Olive Lucas	Honours
William Clarke	Honours
Robert Berry	Honours
Alice Allen	Honours
Mildred Philpott	1st Class Honours
Margaret Pawluk	1st Class Honours
Counterpoint—Grade IV	
Margaret Pawluk	1st Class Honours
Laura Tompkins	1st Class Honours
A.T.C.M.—Piano	
Doris Wood	Honours
February Examinations	
Counterpoint	
Leo Carroll	1st Class Honours
Theory—Grade II	
Laura Tompkins	1st Class Honours

At the Annual Musical Festival at Stratford, in April, 1937, we had the following winners:—

Violin Duet—Open	Geraldine McGregor and Augustin St. Germain	Silver Medals
Violin Solo—Open	Augustin St. Germain	Gold Medal
Piano—Open	Geraldine McGregor	Silver Medal

Miss Geraldine McGregor, in addition to winning the silver medal in open piano competition, was awarded a scholarship of fifty dollars. This scholarship is given to the candidate who shows most promise in his or her particular department.

At the Second Annual Brantford Musical Festival, held in May, our pupils won twenty-six prize awards.

In our Musical Department, we give piano training to every child after the first year. We continue this instruction throughout his school life, provided that he is making any appreciable progress. We find that all of our pupils are anxious to take training in music.

Industrial Shop

Our classes in the Industrial Shop are divided into 4 grades:—

Grade I—Teaching of chair caning, pith seating of chairs, and rubber mat making.

Grade II—Fundamentals in reed work. Teaching of the use of tools for wood-work, and making of special projects such as flower baskets, window-boxes, etc.

Grade III—Repairing of furniture and individual projects.

Grade IV—Assembly speed-tests—for assembly we use nuts and bolts, hinges and Yale door locks. These tests are of fifteen minutes' duration. The objectives are those set up in industrial plants by sighted men at their life's work.

The following are some of the projects turned out during the past year: a milk stool for the farmer's use, foot-stools for school sitting rooms, hospital table, fernery, repairing of class-room table, making of loose-leaf note-book covers, book case for a classroom, dressing table for bedroom, clothes baskets for laundry, waste paper-towel receptacles, making of stage scenery, test-tube holders, waste-paper baskets, patrol Scout boxes, chesterfield suite complete, hospital tea-tables, jardinieres, repairing and painting of ladders, book-case, tray for chemistry class, medicine cabinets, etc.

The organization of our industrial classes is as follows:—

Grade I	19 pupils
Grade II	14 "
Grade III	9 "
Grade IV	8 "
	50 pupils

Extra-Curricular Life

Our students live so busily out of school hours, that I sometimes ask myself whether I should curtail these activities. Both Catholic and Protestant Senior groups meet weekly, much after the fashion of church young people's groups. Senior boys' and girls' clubs meet weekly. These meetings vary from the fun and frolic of a purely social hour to a formal meeting addressed by a guest speaker. These clubs have arranged social dances and skating parties throughout the school year.

The intermediate and junior students' clubs centre about the Scouts and Guides. Guiding at the Ontario School for the Blind has brought joy and pleasure to twenty-nine Guides and fifteen Brownies. Its programme of intelligence, health, handcraft, and service has been carried out with all the fun and spirit of adventure of the more fortunate Guides and Brownies. The year's activities have included public rallies, school demonstrations, picnics, hikes, tobogganing and skating. At all times, the daily "good turn" has been much in evidence, to say nothing of the general enthusiasm of these girls. Miss Esther Murray is in charge of the two groups.

This is the third year that Scouting has been an active organization for the intermediate boys at the school. The Troop consists of eighteen members, divided into three patrols. Most of these were well on in Second Class Scouting, and many have passed Proficiency Badges. The O.S.B. Troop participates in all inter-troop activities with the city troops, such as Apple Day, jamborees, hiking, weiner roasts, toboggan parties, etc. This is the second term that Cubs have been active in our school. The Cub Pack consists of twenty juniors who take their Cubbing seriously, and do their best to live up to the high standards set for Cubs. One of the senior students, a former Scout, has been given the leadership of the pack.

During the year, we have gone out to serve others, as follows: Concert numbers given by ten of our pupils at the Masonic Hall, for a meeting of the Masons

A group of our senior girls took part in a church concert, proceeds to go to the Missions.

Two of our pupils sang at the Queen's Alumni dinner.

One of our boys read the scripture lesson at a meeting of the Upper Canada Bible Society.

Our A. Y. P. A. group entertained another A. Y. P. A. group from the city.

A piano class group gave a demonstration at a meeting of the Bellview Home and School Club.

One of our boys, Donald Westbrook, an organist, gave a joint recital in the city with a talented young singer from the city.

On many occasions, our pupils have taken part in programmes of Brant Avenue United Church groups.

Two of our pupils played at Wellington Street Church.

A full evening's concert was given at the First United Church, Galt. Fifty pupils took part in the programme, which included a variety of musical numbers, a gymnastic display of pyramid building, and a one-act play.

Three pupils attended the Paris Lions Club meeting and gave vocal and instrumental numbers.

A three-quarter hour programme of musical numbers was presented at St. James Church.

Our pupils contributed musical numbers in the annual broadcast for the C. N. I. B. Tag Day.

Two pupils sang at morning service of First Baptist Church.

Three pupils went to Central Presbyterian Church to give musical numbers at the morning service.

Several of our pupils contributed concert numbers at different sessions of the Convention of Workers for the Blind, held at the Royal York, Toronto, June 28th to July 2nd.

Three pupils gave musical numbers at Marlborough Street Church.

Our Guide Troop took part in the services held by the civic authorities at the cenotaph on Armistice Day.

We put on a full evening's concert consisting of various musical numbers at the Burford United Church.

Three of our pupils contributed musical numbers at the Perth County Music Teachers' Federation meeting in Stratford, at which our Mr. F. Lord was speaker.

A musical programme at the Brantford Branch of the C. N. I. B. was given by a group of our senior pupils.

A musical programme at Elm Avenue Church was given by two of our pupils.

Some of our senior pupils took part in the Lions Club Christmas cheer broadcast.

Every child attending Brant Avenue Church contributed a gift on "White Sunday." There were 105 pupils in this group.

Library Report

Mr. Little has acted as Librarian during the past year, and submits the following report on reading done:—

Reading by Classes

Class	Volumes 1935-6	Volumes 1936-7
High School Classes	151	141
Grade VIII	141	125
Grade VII (no Class in 1936-37)	....	244
Grade VI	179	188
Grade V	151	136
Grade IV	154	110
Grades III and II	3	37
Totals	779	981

The above schedule shows an increase of 25.6% for this year over last year in the number of volumes read. The card system inaugurated last year is working very satisfactorily.

Canadian National Institute for the Blind and Student Placement

During the past three years 13 boys and 10 girls have left our school through graduation. With the exception of two girls who preferred to remain at home, and another whose services were required at home, all of these students are now earning their own livelihood. What a record during these difficult times! I cannot speak too highly of the fine co-operation accorded to us by Capt. E. A. Baker and his staff at the Canadian National Institute for the Blind.

At the close of the school year, the C. N. I. B. sent Capt. E. A. Baker, Mr. J. Clunk, Mr. H. Turner, and Mr. A. E. Weir to give a course of four lectures to our graduating students. They discussed fully and frankly with the graduating class the situation they would face upon leaving school. Many valuable suggestions were given, and difficulties were anticipated and explained.

It gives our students a great sense of security to be able to look forward hopefully to graduation days.

School Plant

During the past two years, the exteriors of our dormitories and houses have been painted. New, modern laundry equipment has been installed during the past year. This has greatly facilitated our laundry work. I beg to recommend that during the coming year our main building be decorated inside and outside. Our street fences need repair and partial replacement. We need a flag pole.

During the year, our regular male staff have brightened our school-home by sanding and refinishing the floors of several class-rooms and doing such wall decoration as time would allow.

Acknowledgments

I wish to make the following acknowledgments of kindnesses shown to our students during the year:—

To Brantford Music Club for invitations to twenty pupils to attend their Recital.

To Knox Presbyterian Church for the invitation to the Merry Makers' Club to attend their "Scotch Soiree".

To Dr. R. C. Wallace of Queen's University for an address to our pupils.

To Mrs. McCrae for the entertainment of our senior girls.

To Mrs. Lewis for the entertainment of our senior girls.

To Brant Avenue Church for various invitations to church suppers, church plays, entertainment by young people's groups, etc.

To Alfred Street and Arctic Arenas for invitations at various times for our pupils to enjoy the rink skating free of charge. In one case the entire school was invited, and the rink closed to all outsiders.

To Salvation Army Headquarters for inviting fifty pupils to dinner and entertainment. Our pupils assisted in the entertainment.

To Hydro Electric officials for taking nine of our pupils, prize winners in an essay contest on "Hydro", to Niagara Falls, for a visit to the power plants. The visit included entertainment at dinner by the Hydro officials.

To the Schubert Choir for invitations to their Concert. Thirty-five pupils attended.

To Rev. and Mrs. Uren of Brant Avenue Church who entertained pupils at supper parties in their home several times.

To the Collegiate Institute for invitations to our senior pupils to attend their annual play.

To Mr. E. Moule, manager of the Capitol Theatre, for invitations to attend special talking picture productions.

To Miss Betty Barclay, exchange teacher from Scotland, for a talk to our pupils in the Assembly Hall.

To Central Presbyterian Church for invitations for ten pupils to their Church Social.

To Mr. E. S. Dunton, Paris, for the use of "Camp Thayendanegea" for two week-end camps for our senior boys and senior girls.

To the Organists' Convention for invitations to thirty pupils to attend their Recital at Grace Church.

To Grace Church Brownie Troop for the entertainment of our Brownie Troop.

To various teachers at Brant Avenue Sunday School for entertainment of our pupils at their homes.

To the manager of Brant Theatre for permission for our pupils to attend special talking picture productions free of charge.

Reports

I attach herewith, reports from Dr. J. A. Marquis, Physician, Dr. Norman Bragg, Ophthalmologist, Dr. J. R. Will, Dentist, and Mr. G. H. Ryerson, Bursar:—

Report of Physician

The following is my report on the health of the students and staff at the Ontario School for the Blind, for the year ended January 1st, 1938:—

Total number of patients		148
Total number of hospital days		1,220
Infectious diseases		37
(a) Chicken Pox	24	
(b) Measles	8	
(c) Scabies	2	
(d) Conjunctivitis	3	
Infections and Boils		4
Colds		26
Influenza		51
Laryngitis		1
Toxoid reactions		2
Sore Throats		6
Glycosuria		1
Varicose Ulcers		1
Pneumonia (1 Pneumonia and Measles)		2

The past year has been a very satisfactory one from the standpoint of health. The Dominion-wide epidemic of Poliomyelitis caused the postponement of the opening of the school, and as students come from a wide area over four provinces, I thought it advisable to have a further quarantine of ten days at the school, after the students had assembled. No case of Poliomyelitis appeared among these 151 pupils.

An epidemic of chicken pox developed early in the fall, and among 83 pupils who had not had chicken pox, there were only 24 cases. This is the first time in a number of years that this epidemic has occurred at the school. Measles were quite prevalent throughout the City of Brantford this fall, but only 8 cases developed at the Ontario School for the Blind. These two contagious diseases occurred simultaneously, and again our inadequate hospital facilities were taxed.

Colds and influenza account for the major part of this year's sickness and to combat this we are continuing to give the children cod liver oil during the winter months. About ten pupils in all, who had not formerly been vaccinated, were vaccinated at the school, and toxoid injections against diphtheria were given to all new pupils.

A complete physical examination was given to every student, and a comparison of this year's findings with last year's shows gratifying results. In practically every case the child's physical condition shows a marked improvement.

A vigorous physical programme, including ice skating daily during the skating season, tobogganing, swimming, hiking, is followed at the school,—all of which tends to build up these children's resistance. It is satisfying to note the following figures in comparison with those of 1936:—

	1936	1937
Total number of infectious diseases	80	37
Total number of patients	217	148
Total number of hospital days	1,989	1,220

All of which I have pleasure in submitting.

J. A. Marquis,
Physician.

Report of Opthalmologist

I have the honour to report on the eye examinations of the new pupils entering the Ontario School for the Blind for the year 1937-8. This class numbers 29 pupils, 15 of whom are boys, and 14 girls. The results of the examination are as follows:—

New Pupils

Condition of Sight	Male	Female	Total
1. Limited vision in both eyes	7	8	15
2. Limited vision in one eye	4	....	4
3. Quantitative light perception in both eyes	2	3	5
4. Quantitative perception of light in one eye, none in other.	2	1	3
5. Without light perception in either eye	....	2	2
Totals	15	14	29

In presenting our report for last year, we drew attention to the fact that the number of pupils admitted to the school whose classification was group 4 and 5, was lower than had been noted for some years previously. We are gratified to note a still further reduction in these groups as found in this year's class. The remainder of the pupils had a higher average degree of sight than in former years.

Diseases Causing Blindness

	Male	Female	Total
1. Ophthalmia Neonatorum and Keratitis	3	1	4
2. Iritis, Uveitis, and Sympathetic Ophthalmia	....	....	....
3. Congenital Cataract and Dislocation of Lens	4	4	8
4. Fundus Lesions, Retino-Choroiditis	3	3	6
5. Optic Atrophy	3	2	5
6. Myopia	1	4	5
7. Congenital Glaucoma and Buphthalmus	....	....	....
8. Anirida and Amblyopia	1	....	1
Totals	15	14	29

From a study of the above chart, one or two very significant facts are noted. Firstly, in the case of preventable conditions causing blindness, (groups 1 and 2), we find only four cases as compared with twelve of last year. Such a marked reduction in this type would seem to indicate that there are fewer of these unfortunate cases actually occurring than formerly. Secondly, by comparison with reports of former years we notice that there is a gradual increase in groups 3, 4 and 6, which may be classed as of congenital origin, and which, unfortunately, are not conditions that may be prevented. We are at a loss to suggest a reason for this increase. In group 7, congenital glaucoma and buphthalmus, there are no cases this year whereas it is usual for three or more cases to be presented each year.

As formerly, we conducted a very thorough ocular examination of every pupil in the School. This is a most helpful service because we find that by detecting incipient conditions, by changes of refraction, and by advice as to the use of the eyes, etc., we have been able to conserve or improve the degree of sight of many pupils materially.

All of which is respectfully submitted.

NORMAN W. BRAGG, M.D.

Report of Dentist

During the school year all of the pupils have had their teeth examined and attended to where necessary.

One hundred and sixteen fillings were inserted for the boys and eighty-six for the girls.

Twenty-three boys and twenty-two girls required no fillings and twenty-two boys and twenty-three girls needed only one each.

For the boys, fifteen permanent and twenty-two deciduous teeth were extracted, while the girls had six permanent and eleven deciduous teeth removed.

A large part of this work, especially the extracting, was done for new pupils.

With few exceptions, the pupils take very good care of their teeth.

J. R. WILL,
Dental Surgeon.

Bursar's Report

Financial Statement

EXPENDITURES		
Salaries and Wages	$53,659.41	
Travelling Expenses	164.71	
Medical Department	418.03	
Groceries and Provisions	11,622.24	
Bedding and Clothing	836.46	
Fuel, Light, Power and Water	9,260.16	
Laundry, Soap and Cleaning	1,024.04	
Furniture and Furnishings	580.84	
Farm and Garden	1,720.71	
Repairs and Alterations	1,038.34	
School Supplies	1,838.97	
Dental and Oculist Services	393.75	
Motor Conveyances	26.35	
Contingencies	1,345.87	
Total		$83,929.88

CASUAL REVENUE RETURNED TO DEPARTMENT

Perquisites	$6,051.89	
Farm Account	2,130.20	
Pigs sold	305.79	
Calves sold	5.00	
Chickens sold	42.79	
Eggs sold	29.95	
Western Fees	10,800.00	
Total		19,365.62

SUMMARY

Total Expenditure	$83,929.88
Less Casual Revenue returned to Department	19,365.62
Actual Expenditure	$64,564.26

Certified correct,

G. H. RYERSON,
Bursar.

Appreciation

May I express my appreciation to you, personally, and to the officials of your Department for the splendid co-operation and encouragement they have given us in our year's work.

At the same time, may I assure you that the teaching and house staffs at the Ontario School for the Blind have given faithful and loyal service throughout the year.

I have the honour to be, Sir,

Your obedient servant,

H. J. VALLENTYNE,
Superintendent.

Brantford, February 21, 1938.

APPENDIX L

REPORT OF THE PROVINCIAL SUPERVISOR OF MUSIC

There has been a gratifying increase in the number of schools receiving regular music instruction. Almost all elementary schools make some provision for the subject, the majority under skilled supervision of qualified teachers. The secondary schools are generally including Music as part of the new Programme of Studies, the number qualifying for special grants being as follows:—1935, 17; 1936, 24; 1937, 46.

The public, the teachers, and the students are being gradually acquainted with the attitude of the Department concerning music instruction. During the year I have had the opportunity of addressing the following groups:—15 Trustee Boards, 9 Service Clubs, 16 Teachers' Meetings, and 15 School Assemblies.

Music Festivals.—Music Festivals, both competitive and non-competitive, continue to spread throughout the Province, and to stimulate interest. Fifteen new Festivals were organized in 1937, bringing the total in Ontario to approximately 40. I attended 24 and adjudicated at 13.

Radio.—A series of eight radio programmes was sponsored during March and April by the Department of Education with the co-operation of the Canadian Broadcasting Corporation. Choral numbers by children from the elementary and secondary schools were broadcast from Toronto, Hamilton, Ottawa, Windsor, and Kitchener.

On the Wednesday evening following Easter, in connection with the Ontario Educational Association, a concert was given in Massey Hall, Toronto, featuring the Provincial High School Orchestra, directed by I. W. Lomas, Hamilton; the Provincial High School Chorus, directed by P. G. Marshall, Simcoe; and the Provincial Public School Chorus, directed by G. R. Fenwick, Toronto. Approximately five hundred children from all parts of Ontario formed the various groups. An added feature was the singing of the Provincial Mother Singers of the Home and School Association.

Teacher Training.—The summer sessions in Music at Toronto and London continued to grow in attendance and in the breadth of the courses offered. Comparative attendance figures are as follows:—

1935—Toronto, 264; London, 145. Total, 409.
1936—Toronto, 362; London, 191. Total, 553.
1937—Toronto, 481; London, 238. Total, 719.

Statistics.—The following statistical information concerns the school-year ending June 30th, 1937, and includes only those schools earning special grants for the teaching of Music. Many others provide a music course but are not at present qualifying for the grant.

In some parts of the Province redistribution of Inspectorates during the past few years makes it difficult to show the development of Music in those areas.

City Inspectorates	Total No. of Rooms	Rooms with Music		
		1934-35	1935-36	1936-37
Brantford	99	....	8	9
Chatham	56	54	55	56
Hamilton	546	546	546	546
Kitchener	107	107	107	107
London	245	210	242	245
Ottawa	286	286	286	286
Peterborough	76	76	76	76
St. Catharines	91	91	91	91
Sarnia	64	21	10	....
Toronto	2,053	2,053	2,053	2,053
Welland	52	12	12	....
Windsor	315	315	315	315
Totals	3,990	3,771	3,801	3,784
County Inspectorates				
Brant and Norfolk (in part)	110	38	47	58
Bruce East	98	15	26	55
Bruce West	112	8	31	71
Carleton East	115	40	49	50
Carleton West	96	....	16	....
Dufferin and Peel	113	68	98	83
Dundas and Grenville	107	4	4	5
Elgin East and St. Thomas	130	25	27	47
Essex (No. 1)	124	37	20	24
Essex (No. 2)	127	23	38	47
Frontenac North	84	....	....	16
Frontenac South (No. 1)	91	19	23	35
Frontenac South (No. 2) and Kingston	104	78	80	80
Glengarry	96	....	....	19
Grey East	113	39	47	67
Grey North and Owen Sound	113	72	90	93
Grey South	116	2	2	52
Haldimand	106	19	20	35
Halton	126	82	80	95
Hastings Centre	99	26	26	27
Hastings North and Oshawa	130	81	81	86
Hastings South and Belleville	116	54	58	44
Huron East	110	25	45	47
Huron West	124	28	28	59
Kent (No. 1)	130	27	89	95
Kent (No 2)	111	35	43	80
Lambton (No. 1)	107	12	12	39
Lambton (No. 2)	110	20	26	34
Lanark West	115	43	45	71
Leeds and Grenville (No. 1)	93	45	38	49
Leeds and Grenville (No. 2)	104	7	7	20
Leeds and Grenville (No. 3)	150	7	3	8
Lennox and Hastings South	101	1	1	18
Lincoln	111	54	55	84
Middlesex East	119	55	66	78
Middlesex West	122	14	30	41
Norfolk	121	72	67	77
Northumberland and Durham (No. 1)	98	93	97	98
Northumberland and Durham (No. 2)	100	42	61	85
Northumberland and Durham (No. 3)	112	50	71	77
Ontario North	98	29	27	50
Ontario South	97	56	56	62
Oxford North and Woodstock	100	46	49	90
Oxford South	110	56	74	88
Peel	140	114	100	102
Perth North	109	49	73	90
Perth South and Stratford	114	90	93	91

County Inspectorates	Total No. of Rooms	Rooms with Music		
		1934-35	1935-36	1936-37
Peterborough East	103	46	66	64
Peterborough West	97	22	26	55
Prescott and Russell (No. 1)	89			8
Prescott and Russell (No. 2)	1			
Prescott and Russell (No. 3)	18			
Prescott and Russell (No. 4)	9			
Prince Edward	96	17	29	26
Renfrew North	114	17	29	18
Renfrew South	114	12	12	23
Simcoe Centre	113			71
Simcoe East	121	63	66	36
Simcoe North	25			
Simcoe South	115	15	23	64
Simcoe West	109	9	11	22
Stormont	114			33
Victoria West	84	45	64	65
Waterloo (No. 1)	111	84	54	54
Waterloo (No. 2) and Galt	107	46	76	84
Welland East and Niagara Falls	118	111	110	97
Welland South	123	9	13	23
Welland and Lincoln and Haldimand	109	23	28	49
Wellington North	111	21	35	71
Wellington South and Guelph	119	80	80	84
Wentworth	120	21	28	38
York (No. 1)	118	31	35	41
York (No. 2)	149	63	76	120
York (No. 3)	142	44	122	122
York (No. 4)	154	116	105	132
York (No. 5)	187	44	87	87
York (No. 6)	163	64	77	86
Totals	8,340	2,803	3,371	4,295
District Inspectorates				
Division I	97	11	12	26
" II	102	29	3	37
" III and Fort William	123	19	108	95
" IV and Port Arthur	133	25	27	32
" V and Sault Ste. Marie	118			57
" VI	111	7	28	29
Division VII (No. 1) and Sudbury	121			6
" VII (No. 2)	18			
" VIII	89		8	11
" IX	134	40	44	82
" X	143	62	71	
" XI	90			55
" XII (No. 1) and North Bay	117	50	46	46
" XII (No. 2)	2			
" XII (No. 3)	29			
" XIII	97	16	16	12
" XIV	93			3
" XV	94	10	10	10
" XVI	90			16
Totals	1,801	269	373	517
Separate School Inspectorates				
Division I	124	26	43	24
" II	123	16	7	7
" III	159			27
" IV	95			
" V	135			27
" VI	159			24
" VII	122			

Separate School Inspectorates	Total No. of Rooms	Rooms with Music		
		1934-35	1935-36	1936-37
" VIII	108	....	....	29
" IX	144	2	9	34
" X	156	81	87	101
" XI	153	4	135	122
" XII	132	27	31	36
" XIII " XIV	346	320	324	333
" XV	135	58	52	62
" XVI	132	....	5	9
" XVII	150	....	....	47
" XVIII	215	....	....	....
" XIX	118	....	....	....
" XX	112	....	....	....
" XXI	112	....	....	....
Totals	2,930	534	693	882
Grand Totals	17,061	7,377	8,238	9,478

Respectfully submitted,

G. R. Fenwick,
Provincial Supervisor of Music.

Toronto, May 9, 1938.

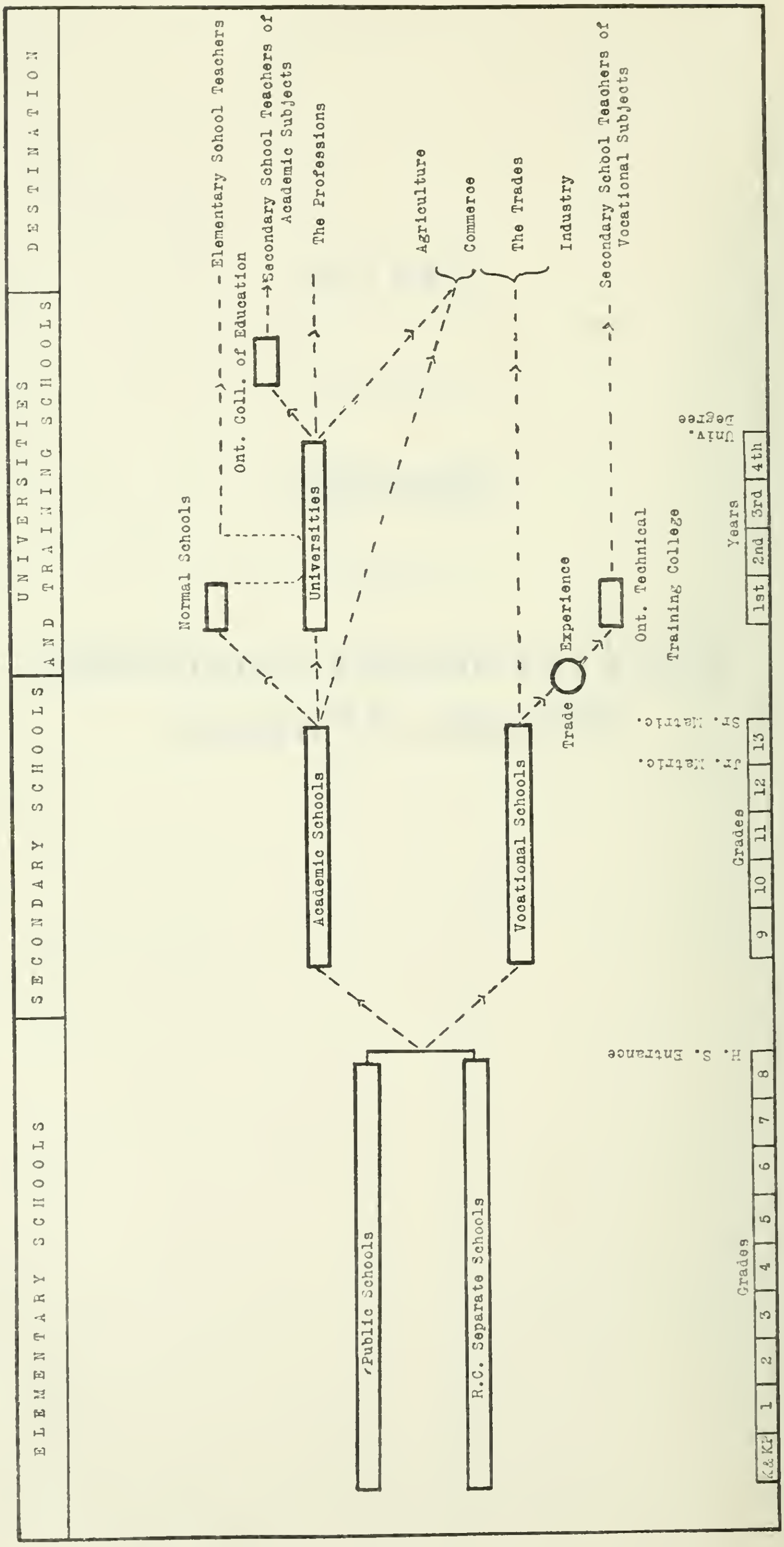
PART II

Statistics

of

The Provincially-Controlled Schools of Ontario

THE ONTARIO SCHOOL SYSTEM


ELEMENTARY SCHOOLS
SECONDARY SCHOOLS
UNIVERSITIES AND TRAINING SCHOOLS
DESTINATION
Public Schools
R.C. Separate Schools
Academic Schools
Vocational Schools
Normal Schools
Universities
Ont. Coll. of Education
Trade Experience
Ont. Technical Training College
Elementary School Teachers
Secondary School Teachers of Academic Subjects
The Professions
Agriculture
Commerce
The Trades
Industry
Secondary School Teachers of Vocational Subjects
Grades
K&Kr
1
2
3
4
5
6
7
8
H. S. Entrance
Grades
9
10
11
12
13
Jr. Matric.
Sr. Matric.
Years
1st
2nd
3rd
4th
Univ. Degree

Graph 1

NOTES

1. Grades IX and X studies are taken in many elementary schools.

2. Auxiliary classes, junior and senior, are provided for handicapped pupils.

3. Academic secondary schools are graded as (1) Collegiate Institutes, (2) High Schools, (3) Continuation Schools. Under the Regulations all may provide the same courses, but the minimum staff requirements differ.

4. The following entrance requirements apply to the Technical Training College:
   - (a) a general education equal to at least two years' secondary school work.
   - (b) journeyman's qualifications in the trade concerned.
   - (c) an age range of 23-38 for men and 21-35 for women.

6. The following conditions apply in order to secure the following permanent certificates:

   (a) **An Elementary School Teacher's First Class Permanent Certificate**
   1. be the holder of an interim first class certificate.
   2. have 3 years' successful teaching experience.
   3. complete a summer course in Education, provided by the Department, after 2 years' teaching experience.
   4. complete an Ontario University course of at least one year in subjects approved by the Minister of Education, one of which shall be English, and whose content is at least a year beyond that of Upper School. A maximum exemption of 4 University subjects, of which English shall not be one, may be obtained through special certificates in elementary school subjects, obtained by attendance at summer or winter sessions.

   (b) **A High School Assistant's Permanent Certificate**
   1. be the holder of an interim High School Assistant's certificate.
   2. have 2 years' successful teaching experience in an Ontario secondary school (academic), or in Grades IX or X of an elementary school.

   (c) **A Vocational School Teacher's Permanent Ordinary Certificate**
   1. be the holder of an interim Ordinary certificate.
   2. have 2 years' successful teaching experience in an Ontario day Vocational school.
   3. complete a special summer course in English, mathematics and science, or hold middle school standing in these subjects.

STATISTICS OF THE PROVINCIALLY-CONTROLLED SCHOOLS OF ONTARIO

SUMMARY FOR 1936

	ELEMENTARY		SECONDARY			SENIOR AUXILIARY	TOTALS
	Public	Separate	Continuation	†High	Vocational		
Day Schools—Number	6,347	812	208	225	58	5	7,655
Day Pupils—May Enrolment, 1937	455,365	101,010	8,935	67,088	34,766	1,463	668,627
Average Attendance for the year	106,956	92,773	8,590	65,277	30,937	1,245	605,778
Attendance Efficiency Percentage for the year	90.52	92.73	91.94	94.28	92.79	85.75	90.82
Day Teachers—Number	14,595	2,941	478	2,452	1,447	68	‡21,644
Male	3,324	316	235	1,273	938	35	‡5,926
Female	11,271	2,625	243	1,179	509	33	‡15,718
Percentage Male	22.77	10.74	49.16	51.92	64.82	51.47	27.38
Percentage Female	77.23	89.26	50.84	48.08	35.18	48.53	72.62
University Graduates	499	50	272	2,344	1,053	14	‡3,982
Gross Municipal Operating Expenditures:							
(a) Teachers' Salaries	$16,328,612	$2,281,520	$578,460	$4,936,744	$3,260,422	$163,133	$27,548,891
(b) Other Current Expenditures	5,838,340	876,644	173,923	1,312,686	824,878	68,622	9,086,093
Total Current Expenditures	$22,166,952	$3,149,164	$752,383	$6,249,430	$4,085,300	$231,755	$36,634,984
(c) Capital Charges	$3,434,165	$585,933	$129,016	$1,447,793	$1,192,033	$23,152	$6,812,092
Total Gross Expenditures	$25,601,117	$3,735,097	$881,399	$7,697,223	$5,277,333	$254,907	$43,447,076
Legislative Grants	$2,601,815	$564,019	$189,917	$480,484	$959,611	$41,429	$4,837,275
Net Municipal Operating Expenditures	$22,999,302	$3,171,078	$691,482	$7,216,739	$4,334,667	$213,478	$38,626,746
Teacher's Salaries' percentage of Total Current Expenditure	73.66	72.45	76.88	79.00	79.81	70.39	75.20
Capital Outlays	$766,006	$159,760	$22,442	$489,227	$34,692	$1,620	$1,473,747
Fifth Classes:							
Schools Conducting Fifth Class Work	1,515	200					1,715
Enrolment in these Fifth Classes	7,053	4,568					11,621
Schools Qualifying for Legislative Grant	472	108					580
Enrolment in these Qualifying Fifth Classes	2,987	1,201					4,188
Grading—A	92	69					161
B	147	23					170
C	233	16					249
Night Schools:							
Number	11			12	32	1	56
Student Enrolment	601			1833	25,750	180	28,364
Number of Teachers	20			82	808	8	918

*Financial data covers the calendar year 1936. Other data the school year 1936-37. †Including Collegiate Institutes. ‡Excluding duplications.

AVERAGE COSTS PER PUPIL-DAY, 1936, AND COMPARISON WITH 1935

A—Elementary Schools

Type	Subdivision	Gross Cost per Pupil-Day (in cents)						Legislative Share	
		Current[1]		Capital[2]		Total			
		1936	1935	1936	1935	1936	1935	1936	1935
Public........	All Rural............	26.22	24.40	1.95	1.25	28.17	25.65	6.41	5.68
	Low Attendance....	50.22	50.06	3.82	......	54.04	......	14.73	14.63
	Ordinary Rural....	26.17	24.24	1.48	4.65	27.65	28.89	6.29	5.59
	Consolidated.......	37.96	......	6.20	......	44.16	......	13.21	......
	Large Fully-Graded	26.41	25.87	4.98	4.55	30.28	30.42	6.90	6.27
	All Urban...........	30.69	30.79	6.54	5.96	37.23	36.75	1.53	1.48
	Town.............	22.34	22.24	3.94	3.32	26.28	25.56	1.86	1.86
	City.............	34.25	34.55	7.69	7.03	41.94	41.58	1.23	1.18
	All Public...........	28.98	28.29	4.77	4.11	33.75	32.40	3.40	3.13
R.C. Separate..	All Rural............	20.36	19.24	2.54	2.64	22.90	21.88	8.20	7.77
	All Urban...........	17.52	16.56	4.16	4.74	21.68	21.30	1.87	1.75
	Town...........	16.65	15.96	2.41	2.36	19.06	18.32	3.41	3.39
	City............	17.83	16.73	4.96	5.82	22.79	22.55	1.07	.95
	All Separate.........	18.14	17.15	3.77	4.28	21.91	21.43	3.25	3.07

B—Secondary Schools

Continuation...	All.................	44.90	42.55	7.70	6.74	52.60	49.29	11.33	9.84
High Schools and Collegiate Institutes....	High................	47.87	46.72	10.38	9.95	58.25	56.67	7.23	6.29
	Collegiate...........	53.65	52.86	12.84	13.74	66.49	66.60	2.08	1.91
	All.................	51.54	50.55	11.94	12.32	63.48	68.87	3.96	3.56
Vocational.....	Purely Technical.....	94.96	94.00	25.64	26.62	120.60	120.62	23.08	22.63
	Purely Commercial...	57.15	62.13	†14.87	†14.36	72.02	76.49	5.89	13.82
	Combined Vocational. (Com. and Tech.)	63.33	62.91	21.77	20.49	85.10	83.40	20.63	22.63
	All................	64.31	70.68	19.03	19.60	83.34	90.28	15.10	19.34

C—Special Schools

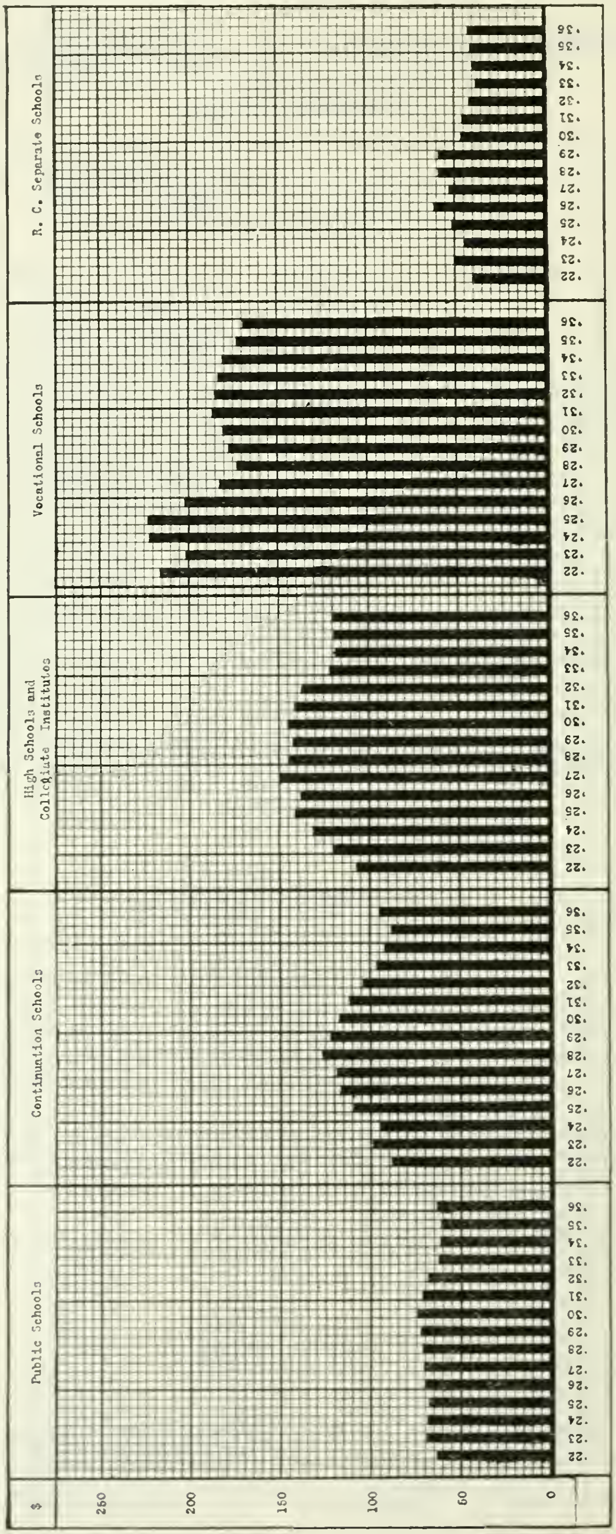
Senior Auxiliary ...	All..................	90.53	89.83	9.04	8.73	99.57	98.56	16.18	20.14

[1] General Maintenance. [2] Debt Charges. †Some Municipalities in default.

UNIT COST OF EDUCATION

YEARLY, PER PUPIL OF AVERAGE ATTENDANCE—1922 to 1936

Graph II



DISTRIBUTION OF PUPILS IN ONTARIO PROVINCIALLY-CONTROLLED SCHOOLS, MAY, 1937

A—STANDARD GRADE PUPILS

		Under 5	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19 and over	Totals by Sexes	Totals	Percentage of Group A
Kindergarten	Boys	48	4,056	3,334	184	3	1	1	......	......	......	......	......	......	......	......	......	7,627	14,912	2.26
	Girls	16	3,884	3,198	176	7	......	3	1	......	......	......	......	......	......	......	......	7,285		
Kindergarten-Primary	Boys	4	1,260	3,527	1,810	477	144	65	24	5	12	1	......	......	......	......	......	7,329	14,040	2.13
	Girls	8	1,366	3,309	1,521	378	75	31	14	4	5	......	......	......	......	......	......	6,711		
GRADE I	Boys	10	1,195	14,561	19,540	8,154	2,888	1,086	414	215	105	41	13	6	2	......	......	48,230	90,953	13.81
	Girls	53	1,487	14,254	17,687	6,308	1,852	609	255	112	56	36	11	2	1	......	......	42,723		
GRADE II	Boys	1	12	400	8,251	14,553	7,897	3,291	1 228	548	249	112	10	9	2	......	......	36,563	69,247	10.51
	Girls	......	38	603	9,456	13,429	5,987	1,987	720	274	120	41	19	9	1	......	......	32,684		
GRADE III	Boys	......	......	15	411	4,443	7,338	4,158	1,972	961	458	155	44	12	2	......	......	19,969	38,538	5.85
	Girls	......	......	15	574	4,981	6,954	3,263	1,934	550	196	62	25	9	3	3	......	18,569		
GRADE IV	Boys	......	......	1	82	3,208	8,831	7,544	4,510	2,212	1,012	377	118	22	9	......	......	27,926	53,335	8.10
	Girls	......	......	1	151	4,017	9,373	6,388	3,212	1,446	555	189	60	9	7	......	1	25,409		
GRADE V	Boys	......	......	......	4	205	4,409	11,026	9,886	6,151	3,403	1,464	467	105	5	4	1	37,130	71,972	10.93
	Girls	......	......	......	5	272	6,027	12,086	8,442	4,635	2,230	873	225	43	4	......	......	34,842		
GRADE VI	Boys	......	......	......	......	4	334	4,523	10,111	8,904	5,860	3,366	1,450	309	77	17	3	34,958	68,529	10.40
	Girls	......	......	......	......	2	478	5,703	11,352	8,442	4,626	2,093	742	102	30	1	......	33,571		
GRADE VII	Boys	......	......	......	......	......	9	369	4,095	10,368	8,518	5,582	2,906	588	81	11	3	32,530	63,738	9.68
	Girls	......	......	......	......	......	24	496	5,167	10,514	7,999	4,526	2,007	426	41	8	......	31,208		
GRADE VIII	Boys	......	......	......	......	......	1	16	381	3,857	8,800	7,775	4,824	1,580	276	36	4	27,550	57,112	8.67
	Girls	......	......	......	......	......	2	41	663	5,255	10,057	8,007	4,243	1,090	182	18	4	29,562		
GRADE IX	Boys	......	......	......	......	......	......	......	17	454	3,430	6,639	5,926	3,251	1008	224	58	21,007	43,258	6.57
	Girls	......	......	......	......	......	......	1	42	776	4,448	7,657	5,922	2,512	735	102	56	22,251		
GRADE X	Boys	......	......	......	......	......	......	......	......	30	417	2,380	4,723	3,848	1,881	716	231	14,256	30,844	4.68
	Girls	......	......	......	......	......	......	......	2	50	578	3,462	5,917	4,110	1,777	487	205	16,588		
GRADE XI	Boys	......	......	......	......	......	......	......	......	1	20	355	1,847	3,274	2,359	1,157	709	9,722	20,991	3.19
	Girls	......	......	......	......	......	......	......	......	......	35	566	2,517	3,911	2,576	1,139	525	11,269		
GRADE XII	Boys	......	......	......	......	......	......	......	......	......	1	26	266	1,331	1,968	1,466	1,155	6,213	13,268	2.01
	Girls	......	......	......	......	......	......	......	......	......	1	37	419	1,812	2,304	1,491	991	7,055		
GRADE XIII	Boys	......	......	......	......	......	......	......	......	......	......	1	24	245	847	1,251	1,549	3,917	7,979	1.21
	Girls	......	......	......	......	......	......	......	......	......	......	......	37	342	1,146	1,369	1,168	4,062		
Totals By Sexes	Boys	63	6,523	21,838	30,282	31,047	31,852	32,079	32,638	33,706	32,315	28,274	22,618	14,580	8,517	4,882	3,713	334,927		
	Girls	77	6,775	21,380	29,570	29,394	30,772	30,608	31,804	32,058	30,906	27,549	22,144	14,377	8,807	4,618	2,950	323,789		
Totals—Group A		**140**	**13,298**	**43,218**	**59,852**	**60,441**	**62,624**	**62,687**	**64,442**	**65,764**	**63,221**	**55,823**	**44,762**	**28,957**	**17,324**	**9,500**	**6,663**	**658,716**		
Percentages		**.02**	**2.02**	**6.57**	**9.09**	**9.19**	**9.52**	**9.53**	**9.79**	**9.98**	**9.60**	**8.47**	**6.79**	**4.40**	**2.63**	**1.44**	**.96**			

B—PRE-VOCATIONAL AND SPECIAL VOCATIONAL PUPILS

		Under 5	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19 and over	Totals by Sexes	Totals	
PRE-VOCATIONAL.....	Boys	......	......	......	......	......	......	......	......	1	25	95	166	216	64	14	3	584	885	
	Girls	......	......	......	......	......	......	......	......	......	13	54	121	79	29	4	1	301		
SPECIAL VOCATIONAL.	Boys	......	......	......	......	......	......	......	......	......	......	1	22	54	141	216	415	849	2,200	
	Girls	......	......	......	......	......	......	......	......	......	......	2	41	135	299	364	510	1,351		
Totals—Group B...		......	......	......	......	......	......	......	......	1	38	152	350	484	533	598	929	3,085		

C—JUNIOR AND SENIOR AUXILIARY CLASSES

		Under 5	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19 and over	Totals by Sexes	Totals	
JUNIOR.......	Boys	......	......	5	21	93	200	237	333	429	409	364	413	165	33	10	4	2,716	4,006	
	Girls	......	......	5	20	54	97	131	196	215	208	165	125	50	22	1	1	1,290		
SENIOR.......	Boys	......	......	......	......	......	......	......	......	10	248	326	156	18	13	8	12	821	1,463	
	Girls	......	......	......	......	......	......	......	......	5	103	206	276	45	6	1	......	642		
Totals—Group C...		......	......	10	41	147	297	368	529	659	968	1,061	970	308	74	20	17	5,469	......	

SUMMARY

	Under 5	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19 and over	Totals by Sexes	Totals	
Boys.................	63	6,523	21,843	30,303	31,140	32,052	32,316	32,971	34,146	32,997	29,060	23,375	15,063	8,768	5,130	4,147	339,897		
Girls.................	77	6,775	21,385	29,590	29,148	30,869	30,739	32,000	32,278	31,230	27,976	22,707	14,686	9,163	4,998	3,462	327,373		
Grand Totals......	**140**	**13,298**	**43,228**	**59,893**	**60,588**	**62,921**	**63,055**	**64,971**	**66,424**	**64,227**	**57,036**	**46,082**	**29,749**	**17,931**	**10,118**	**7,609**	**667,270***		
Percentages.......	**.02**	**1.99**	**6.48**	**8.98**	**9.08**	**9.43**	**9.44**	**9.75**	**9.99**	**9.62**	**8.57**	**6.90**	**4.46**	**2.68**	**1.51**	**1.10**	....	....	....

*In addition, there were 1,357 Part-time Vocational Pupils, unclassified.

COMPARATIVE SCHOOL STATISTICS 1912-1936

I.—ELEMENTARY SCHOOLS

1.—Schools and Pupils

Year	Schools in Operation			Enrolment for the year	Enrolment Distribution Percentages*						Average Daily Attendance	Attendance Efficiency Percentage	May Enrolment	Form Distribution Percentages*							
					(a)		(b)		(c)												
	Total	Rural	Urban		Pub.	Sep.	Male	Female	Rural	Urban				Kgn.	K.P.	I	II	III	IV	V	Auxiliary
1912........	6,452	5,622	830	467,022	86.88	13.12	51.22	48.78	48.66	51.34	291,210	....	....	......	......	41.42	19.85	19.02	18.24	1.47	......
1917........	6,651	5,735	916	527,664	86.73	13.27	50.46	49.54	41.98	58.02	342,571	....	....	3.13	.53	37.77	20.09	19.91	17.43	1.14	......
1922........	6,945	5,957	988	601,485	85.28	14.72	50.90	49.10	40.08	59.92	425,018	86.80	....	2.20	2.00	33.86	18.69	21.25	20.48	1.52	......
1927........	7,036	6,002	1,034	634,592	84.07	15.93	51.08	48.92	38.46	61.54	456,978	88.49	....	2.53	2.31	30.75	16.26	22.69	23.91	1.55	......
1932........	7,188	6,139	1,049	664,427	82.91	17.09	51.23	48.77	37.77	62.23	501,917	90.09	580,612	2.72	2.12	30.19	17.68	25.60	20.02	1.67	......
1935-36.....	7,206	6,097	1,109	....	82.00	18.00	51.65	48.35	37.40	62.60	496,055	90.27	561,937	2.73	2.49	28.04	16.61	25.55	21.88	2.06	.64
1936-37......	7,159	6,106	1,053	....	81.91	18.06	51.52	48.48	37.43	62.57	499,729	89.96	555,713	2.68	2.53	28.82	16.52	25.22	21.70	1.80	.73

*Commencing with 1932 these are based on May enrolment.

2. Teachers and Certificates

Year	Teachers										Certificates										
	No. of Teachers	Male	Female	Percentage Distribution						University Graduates	General*						Special**				
				(a)		(b)		(c)													
				Pub.	Sep.	Male	Female	Rural	Urban		1st Class	2nd Class	3rd Class	District	Permanent Ungraded	Temporary	Kindergarten †	Man. Tr.	Ho. Science	Auxiliary Class ‡	Music
1912............	11,128	1,511	9,617	88.89	11.11	13.58	86.42	55.20	44.80	83	674	6,419	1,804	317	220	1,323	371	......	......	......	....
1917............	12,762	1,317	11,445	88.34	11.66	10.32	89.68	50.58	49.42	140	1,106	8,784	1,317	292	213	603	376	33	38	......	....
1922............	14,872	1,740	13,132	86.84	13.16	11.70	88.30	47.30	52.70	182	1,273	10,825	1,190	407	156	409	471	63	78	......	....
1927............	16,346	2,266	14,080	85.39	14.61	13.86	86.14	46.42	53.58	252	2,587	12,120	600	43	129	297	491	75	79	214	22
1932............	17,340	2,805	14,535	84.21	15.79	16.18	83.82	45.57	54.43	325	4,659	11,302	543	29	88	229	497	94	95	314	51
1935-36.........	17,472	3,436	14,036	83.45	16.55	19.67	80.33	45.88	54.12	487	6,662	9,435	308	7	58	83	517	98	102	345	86
1936-37.........	17,536	3,640	13,896	83.23	16.77	20.76	79.24	45.72	54.28	549	7,477	8,710	249	6	63	56	519	106	100	175	††35

*Highest Only. **Listed only when holder devotes whole time to such work. ‡ Teachers of all types of Auxiliary Classes. † Directors and Assistants.

†† In addition, there are 67 Itinerant Music Teachers serving town, village and rural schools.

3. Percentage Analysis of Elementary School Enrolment*

GRADE	Ideal Percentages	ACTUAL PERCENTAGES											
		Public Schools				Separate Schools				All Elementary Schools			
		Rural		Urban		Rural		Urban		Rural		Urban	
		For Five Previous Years	For 1937	For Five Previous Years	For 1937	For Five Previous Years	For 1937	For Five Previous Years	For 1937	For Five Previous Years	For 1937	For Five Previous Years	For 1937
Primer (I)..........	18.00	18.69	18.60	15.58	15.37	28.09	27.70	20.10	20.39	19.71	19.61	16.60	16.55
First (II)...........	16.50	13.14	12.80	13.97	13.72	15.16	13.12	14.92	14.59	13.36	12.84	14.18	13.92
Second (III & IV)....	16.00	19.52	18.53	17.81	17.36	18.00	17.07	17.90	18.49	19.36	18.36	17.83	17.62
Third Junior (V).....	14.00	14.12	14.09	14.77	14.13	12.42	12.76	14.28	13.52	13.93	13.95	14.66	13.99
Third Senior (VI)....	13.00	12.47	12.75	13.85	14.05	10.22	13.12	12.83	12.69	12.23	12.79	13.62	13.73
Fourth Junior (VII)..	12.00	11.09	11.90	12.74	13.42	8.67	8.11	10.94	11.41	10.82	11.47	12.34	12.95
Fourth Senior (VIII)..	10.50	10.97	11.33	11.28	11.95	7.44	8.12	9.03	8.91	10.59	10.98	10.77	11.24
	100	100	100	100	100	100	100	100	100	100	100	100	100

*May Enrolment. Primer to Senior Fourth, inclusive.

4. Teachers' Salaries*

Year	Male							Female						
	Highest	Average						Highest	Average					
		Province	City	Town	Village	Urban	Rural		Province	City	Town	Village	Urban	Rural
	$	$	$	$	$	$	$	$	$	$	$	$	$	$
1912....	2,200	788	1,320	977	779	1,141	566	2,000	543	703	519	492	618	493
1917.....	2,500	1,038	1,637	1,166	908	1,425	686	2,200	650	795	628	573	731	580
1922.....	3,500	1,644	2,269	1,767	1,393	2,082	1,144	3,325	1,117	1,363	1,047	986	1,253	987
1927.....	3,875	1,667	2,310	1,749	1,407	2,107	1,147	3,500	1,152	1,465	1,095	1,012	1,336	970
1932.....	3,800	1,665	2,282	1,682	1,355	2,075	1,050	3,600	1,150	1,587	933	970	1,387	867
1935–36..	3,000	1,376	2,180	1,390	1,157	1,922	848	3,700	1,035	1,531	951	849	1,348	710
1936–37..	5,000	1,332	2,193	1,323	952	1,820	834	3,700	1,041	1,531	1,031	918	1,390	705

*Public School Teachers only.

5. Teachers' Experience*

Average Number of years' Teaching Experience

Year	Male	Female	All	Rural (Male and Female)	Urban (Male and Female)
1912....................	11.81	7.41	8.06	....	....
1917....................	14.70	7.67	8.44	....	....
1922....................	12.14	8.40	8.87	5.10	12.61
1927....................	10.49	8.87	9.11	4.92	13.25
1932....................	9.88	9.91	9.90	5.77	13.88
1934....................	9.40	10.96	10.64	6.19	14.99
1935-36†................	9.88	11.56	11.19	6.72	15.73
1936–37†................	9.76	12.58	11.51	7.30	15.83

*Public School Teachers only. †Calculated as at June for the last two years; previous to that, at December.

6. Percentage of Male Teachers*

Year	Rural Schools	City Schools	Town Schools	All Schools
1912...........................	15.10	14.88	12.30	14.86
1917...........................	10.54	10.75	10.34	10.81
1922...........................	11.64	14.18	10.22	12.55
1927...........................	13.90	16.90	12.63	15.06
1932...........................	16.64	19.49	15.70	17.77
1934...........................	21.18	21.15	18.04	21.01
1935–36........................	21.91	23.51	17.88	21.71
1936–37........................	23.14	22.17	21.12	22.77

*Public School Teachers only.

7. Receipts, Operating Expenditures, Capital Outlays

(Public and Separate Schools)

Year	Receipts					Operating Expenditures			Capital Outlays
	Legislative Grants	Local Assessments	Township Grants	County Grants	Total Receipts	Current[1]	Capital[2]	Total	
	$	$	$	$	$	$	$	$	$
1912....	842,278	(9,478,887)			14,258,052	not separated		*8,328,245	2,945,715
1917....	907,846	10,565,886	(1,627,552)		17,269,285	"	"	*11,833,989	2,277,851
1922....	2,976,712	19,801,609	2,976,288	64,281	38,624,665	"	"	*25,176,262	6,764,622
1927....	3,404,647	22,362,305	3,174,245	84,990	41,586,106	"	"	*30,256,018	4,543,152
1932....	3,847,696	24,061,895	3,034,008	128,491	41,600,894	27,380,826	4,807,200	32,188,026	1,906,782
1934....	3,237,520	23,067,938	2,444,439	97,889	35,718,448	24,904,102	4,403,659	29,307,761	622,371
1935 ...	3,013,917	21,568,079	2,477,500	117,681	33,583,735	25,372,263	4,007,155	29,379,418	525,460
1936....	3,165,834	23,075,287	3,009,216	151,645	35,042,418	25,316,116	4,020,098	29,336,214	925,766

[1] General Maintenance. [2] Debt Charges.
*Includes Temporary Loan Repayments.

B. ROMAN CATHOLIC SEPARATE SCHOOLS

1. Schools, Teachers, and Pupils

Year	No. of Schools in operation	Teachers	Pupils†	Boys	Girls	Average Daily Attendance	Attendance, Efficiency, Percentage
1912	513	1,237	61,297	31,126	30,171	39,735	....
1917	548	1,488	70,048	35,036	35,012	46,919	....
1922	656	1,958	88,546	44,728	43,818	64,897	84.98
1927	724	2,388	101,072	51,101	49,971	74,820	87.39
1932	764	2,739	99,198	50,524	48,674	89,804	*91.50
1934-35	779	2,817	101,513	51,128	50,385	92,334	*92.84
1935-36	793	2,892	101,152	51,261	49,891	91,545	*92.24
1936-37	812	2,941	101,010	51,536	48,812	92,773	*92.73

*Percentage of actual aggregate to perfect aggregate attendance.
†Commencing with 1932 the figure given is the May enrolment.

2. Average Number of Years' Teaching Experience

Year	Male	Female	All	Rural (Male and Female)	Urban (Male and Female)
1930	5.87	9.81	9.53	6.31	10.67
1931	5.26	10.06	9.33	6.52	10.80
1932	6.05	9.98	8.77	6.39	10.89
1933	6.11	10.29	9.94	6.74	11.12
1934	5.37	10.44	9.88	6.36	10.42
1935-36*	5.76	10.94	10.49	7.00	11.79
1936-37*	6.27	11.83	11.23	7.91	12.44

*Calculated as at June for the last 2 years; previously, at December.

3. Receipts, Operating Expenditures, Capital Outlays

Year	Receipts			Operating Expenditures			Capital Outlays
	Legislative Grants	County and Local Grants and Assessments	Total Receipts	Current	Capital	Total	
	$	$	$	$	$	$	$
1912	51,846	757,255	1,186,814	not se	parated	*719,824	323,400
1917	63,127	1,066,253	1,499,726	"	"	*1,026,784	286,939
1922	195,963	2,154,985	4,049,044	"	"	*2,546,886	1,111,833
1927	296,277	2,889,495	5,100,879	"	"	*3,946,031	671,241
1932	535,111	2,955,779	5,720,395	3,108,449	709,450	3,817,899	888,821
1934	540,481	2,851,075	4,769,335	2,937,104	824,407	3,761,511	159,570
1935	544,895	2,784,007	4,424,782	3,045,498	760,448	3,805,946	99,785
1936	564,019	2,850,799	4,560,246	3,149,164	585,933	3,735,097	159,760

*Contains Short Term Loag Repayments.

C. PROTESTANT SEPARATE SCHOOLS

The following is a complete list of the Protestant Separate Schools of the Province:—No. 1 Grattan, No. 2 Hagarty, L'Orignal, and Penetanguishene (two schools).

They were attended by 258 pupils in 1936. The whole amount expended for their maintenance and permanent improvements was $10,564.19. There were nine teachers, of whom six held First Class certificates and three held Second Class.

D. HIGH SCHOOL ENTRANCE EXAMINATION RESULTS

Year	Candidates		Successful Candidates						Percentage of those attempting the written test who were successful
	Number	Percentage of Sr. IV May Enrolment	By Recommendation		By Writing		Total		
			Number	Per cent.	Number	Per cent.	Number	Per cent.	
1912	22,679	....	....	....	13,977	61.63	13,977	61.63	61.63
1917	21,975	....	....	....	15,751	71.67	15,751	71.67	71.67
1922	36,114	....	7,904	21.88	19,656	54.43	27,560	76.31	69.67
1927	44,121	78.05	13,070	29.62	24,381	55.26	37,451	84.88	78.51
1932	50,280	91.82	19,114	38.01	21,604	42.97	40,718	80.98	69.32
1936	54,991	95.23	29,535	53.71	16,785	30.52	46,320	84.23	65.94
1937	55,307	96.84	30,455	55.06	16,514	29.86	46,969	84.92	66.45

E. FIFTH CLASS

Year	Number of Schools Conducting Fifth Class Work	Fifth Class Enrolment in these Schools	Number of Fifth Classes Qualifying for Legislative Grant	Enrolment in Qualifying Fifth Classes	Grading			Distribution of Qualifying Classes, with Average Enrolment per Class						Legislative Grant
								Public				Separate		
								Counties		Districts				
					A	B	C	No.	Aver. Enrol.	No.	Aver. Enrol.	No.	Aver. Enrol.	
1924-25..	468	....	193	1,878	93	69	31	108	7.8	46	8.7	39	16.0	$28,396
1927-28..	760	....	254	2,231	92	98	64	128	6.9	78	6.3	48	17.7	35,739
1930-31..	1,316	6,618	418	2,790	111	115	192	210	5.3	139	4.9	69	14.5	55,562
1933-34..	1,553	7,323	587	4,746	149	154	284	331	7.1	149	5.4	107	14.7	62,211
1935-36..	1,672	11,577	565	4,266	154	164	247	311	6.6	137	5.3	117	12.6	61,966
1936-37..	1,715	11,621	580	4,188	161	170	248	328	6.7	144	5.6	108	11.1	70,367

II. SECONDARY SCHOOLS

A. CONTINUATION SCHOOLS

1. School and Pupils

Year	No. of Schools	Classification of Schools by Number of Teachers Employed						Enrolment	Boys	Girls	Attendance Efficiency Percentage	Enrolment Distribution					
												Lower School		Middle School		Upper School	
		1	2	3	4	5	6					No.	%	No.	%	No.	%
1912....	138	54	73	11	...	...	...	6,094	2,499	3,595	61.97	4,166	68.36	1,879	30.83	49	.81
1917-18..	137	36	99	2	...	...	...	5,104	1,989	3,115	73.15	3,858	75.59	1,246	24.41	.....	.....
1922-23..	181	58	104	19	...	...	...	8,777	3,569	5,208	82.42	6,316	71.96	2,461	28.04	.....	.....
1926-27..	207	54	119	29	5	...	...	9,654	3,944	5,710	83.48	6,238	64.61	3,328	34.48	88	.91
1932-33..	219	13	154	42	6	3	1	11,070	5,060	6,304	90.15	6,791	59.76	4,263	37.51	310	2.73
1934-35..	219	14	144	49	9	1	2	10,852	4,616	6,236	93.27	6,324	58.27	3,966	36.55	562	5.18
1935-36..	211	15	140	46	7	1	2	9,464	3,996	5,468	90.90	5,552	58.66	3,460	36.56	452	4.78
1936-37..	208	12	139	46	8	1	2	8,935	3,750	5,185	91.94	5,352	59.90	3,202	35.84	381	4.26

Commencing with 1932-33, enrolment is that of May instead of the entire year, and attendance efficiency is based on the percentage of actual to perfect aggregate, instead of average attendance to enrolment.

2. Teachers, Salaries and Experience

Year	Teachers									Salaries							
				Percentages				Percentages		Highest			Average				
	Number of Teachers	University Graduates	Specialists	University Graduates	Specialists	Men	Women	Men	Women	Principal	Male Assistants	Female Assistants	Principal	All Assistants	All Teachers	Male Assistants	Female Assistants
											$	$	$	$	$	$	$
1920-21...	255	47	57	18.43	22.35	71	184	27.84	72.15	3,000	1,800	1,700	1,579	1,229	1,424	1,356	1,215
1926-27...	422	57	28	13.51	6.64	137	285	32.46	67.54	3,550	2,300	1,950	1,769	1,332	1,548	1,383	1,318
1931-32...	490	93	45	18.98	9.18	167	323	34.08	65.92	3,550	2,400	2,400	1,824	1,372	1,577	1,378	1,332
1934-35...	502	222	97	44.22	19.32	220	282	43.82	56.18	3,100	1,600	1,800	1,466	1,069	1,242	1,091	1,056
1935-36...	482	253	101	52.49	20.95	227	255	47.10	52.90	2,600	1,700	1,520	1,427	1,048	1,214	1,076	1,031
1936-37...	478	272	118	56.90	24.69	235	243	49.16	50.84	2,700	1,800	1,600	1,427	1,048	1,213	1,080	1,031
1937-38...	504	290	126	57.54	25.00	249	255	49.40	50.60	2,800	1,700	1,950	1,468	1,074	1,243	1,098	1,061

Average number of years' teaching experience in Secondary School work as at June, 1938:
Male 8.41; Female, 2.86; All, 5.58.

3. Receipts, Operating Expenditures, Capital Outlays

Year	Receipts					Operating Expenditures			Capital Outlays
	Legislative Grants	County Grants	Township Grants	Local Assessments	Total Receipts	Current	Capital	Total	
	$	$	$	$	$	$	$	$	$
1912.......	64,081	60,352	116,780		295,261	not separated		238,226	26,861
1917.......	65,732	72,541	155,173		360,431	"	"	279,558	45,063
1922.......	148,217	218,323	325,548		1,038,646	"	"	611,425	267,006
1927.......	199,388	363,285	350,819		1,363,646	"	"	950,376	171,628
1932.......	220,773	448,355	95,579	276,524	1,459,579	944,342	141,697	1,086,039	31,631
1934.......	199,076	394,365	83,823	329,281	1,535,623	821,209	154,559	975,768	54,364
1935.......	174,764	337,820	84,713	208,258	1,196,847	755,835	119,710	875,545	40,347
1936.......	189,917	330,338	102,785	229,027	1,200,074	752,383	129,016	881,399	22,442

B. COLLEGIATE INSTITUTES AND HIGH SCHOOLS

1. Schools and Teachers

Year	Schools			Teachers										
									Percentage				Percentage	
	Collegiate Institutes	High Schools	Total	Collegiate Institutes	High Schools	Total	University Graduates	Specialists	University Graduates	Specialists	Men	Women	Men	Women
1920-21..	47	121	168	664	543	1,207	895	629	74.15	73.81	587	620	48.63	51.34
1926-27..	56	136	192	1,025	774	1,799	1,547	1,326	85.99	73.71	837	962	46.53	53.16
1930-31..	65	142	207	1,201	933	2,134	1,924	1,588	90.16	74.41	962	1,172	44.85	55.47
1934-35..	68	144	212	1,420	941	2,361	2,235	1,850	94.66	78.35	1,171	1,190	49.59	50.41
1935-36..	68	154	222	1,416	987	2,403	2,277	1,873	94.76	77.94	1,231	1,172	51.23	48.77
1936-37..	69	156	225	1,442	1,010	2,452	2,344	1,903	95.59	77.61	1,273	1,179	51.92	48.08
1937-38..	70	156	226	1,530	1,051	2,581	2,450	2,019	94.92	78.23	1,355	1,226	52.50	47.50

2. Teachers' Salaries and Experience

(a) Salaries

Year	Highest						Average											
	Coll. Inst.			High School			Coll. Inst.				High School				Combined Coll. Inst. and High School			
	Principal	Male Assistant	Female Assistant	Principal	Male Assistant	Female Assistant	Principal	Male Assistant	Female Assistant	All	Principal	Male Assistant	Female Assistant	All	Principal	Assistant	Male Assistant	Female Assistant
	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$
1920-21	4,500	3,500	3,375	4,375	3,375	3,125	3,203	2,478	1,863	2,251	2,315	2,142	1,550	1,843	2,563	1,987	2,390	1,705
1926-27	5,000	4,400	3,375	4,100	3,500	2,750	3,759	2,767	2,327	2,621	2,865	2,142	1,909	2,123	3,120	2,320	2,622	2,113
1930-31	5,000	4,500	3,600	6,000	3,500	2,800	3,994	2,890	2,414	2,716	3,086	2,385	2,004	2,243	3,365	2,418	2,756	2,200
1934-35	5,350	3,700	3,600	4,200	2,800	2,700	3,624	2,565	2,205	2,457	2,567	1,723	1,632	1,798	2,907	2,125	2,355	1,937
1935-36	4,625	3,700	3,600	4,200	2,800	2,700	3,564	2,546	2,206	2,449	2,509	1,659	1,600	1,759	2,832	2,099	2,304	1,919
1936-37	4,800	3,700	3,600	4,200	2,600	2,700	3,587	2,524	2,203	2,439	2,492	1,668	1,582	1,749	2,828	2,087	2,288	1,906
1937-38	5,000	3,700	3,600	4,300	2,860	2,700	3,715	2,549	2,247	2,475	2,535	1,709	1,616	1,784	2,900	2,129	2,316	1,954

(b) Average number of years' teaching experience in Secondary School work, as at June, 1938.

	Male	Female	Both
Collegiate Institute Teachers..	12.11	12.11	12.11
High School Teachers..	8.57	8.57	8.57
Both..	10.80	10.43	10.66

3. Pupils

Year	Enrolment	Boys	Girls	Attendance Efficiency Percentage	Enrolment Distribution					
					Lower School		Middle School		Upper School	
					Number	Per cent.	Number	Per cent.	Number	Per cent.
1912.......	32,273	14,846	17,427	62.80	19,829	61.44	9,842	30.50	2,602	8.06
1917-18....	29,097	12,353	16,744	78.15	20,190	69.39	7,336	25.21	1,571	5.40
1922-23....	44,631	21,139	23,492	86.03	29,219	65.47	12,210	27.35	3,202	7.18
1927-28....	55,805	26,788	29,017	85.65	34,700	62.18	16,395	29.38	4,710	8.44
1932-33....	68,603	34,606	33,997	91.90	36,827	53.68	22,939	33.43	8,837	12.88
1934-35....	67,395	33,096	34,299	93.49	35,993	53.41	23,134	34.32	8,268	12.27
1935-36....	67,899	32,910	34,989	93.51	36,377	53.57	23,560	34.70	7,962	11.73
1936-37....	67,088	32,057	35,031	94.28	36,186	53.94	23,747	35.40	7,155	10.66

Commencing with 1932-33, enrolment is that of May instead of the entire year, and attendance efficiency is based on the percentage of actual to perfect aggregate instead of average attendance to enrolment.

4. Receipts, Operating Expenditures, Capital Outlays

Year	Receipts				Operating Expenditures			Capital Outlays
	Legislative Grants	County Grants	Local Assessments	Total Receipts	Current	Capital	Total	
	$	$	$	$	$	$	$	$
1912...........	209,956	287,719	1,439,324	2,414,128	not se	parated	1,576,964	376,097
1917...........	184,088	364,052	1,582,128	3,051,684	"	"	2,105,661	313,314
1922...........	276,889	790,518	3,099,826	7,993,999	"	"	3,972,161	2,770,714
1927...........	484,978	1,475,538	4,154,487	9,755,761	"	"	7,108,527	1,691,779
1932...........	464,882	1,955,045	5,789,253	9,739,616	6,802,931	1,498,770	8,301,701	388,291
1934...........	424,286	1,789,453	5,625,903	9,005,315	6,232,661	1,521,997	7,754,658	151,447
1935...........	441,344	1,496,264	5,326,796	8,793,398	6,272,830	1,528,119	7,800,949	236,057
1936...........	480,484	1,459,859	5,507,312	8,655,564	6,249,430	1,447,793	7,697,223	489,227

C. VOCATIONAL AND SENIOR AUXILIARY SCHOOLS

1. Schools, Teachers and Pupils

(a) Day Vocational Schools

Year	Number of Schools	Pupils							Teachers				
		Full-Time	Part-Time and Special	Total	Male	Female	Technical	Commercial	Full-Time	Part-Time and Occasional	Total	Male	Female
1918-19...	11	4,379	......	4,379	3,012	1,727			155		155		
1922-23...	16	6,987	2,415	9,402	4,447	4,955			286	51	337		
1926-27...	36	16,560	4,355	20,915	9,595	11,320			579	150	729	*361	*218
1930-31...	58	28,112	3,225	31,337	14,976	16,361			1,000	277	1,277	760	517
1935-36...	58	34,406	1,012	35,418	17,845	17,573	17,354	18,064	1,188	261	1,449	910	539
1936-37...	58	33,409	1,357	34,766	17,225	17,541	16,698	18,068	1,186	261	1,447	938	509

(b) Evening Vocational and Day Sr. Auxiliary

Year	Evening Vocational Schools					Sr. Auxiliary Day Schools						
	Number of Schools	Pupils			Teachers	Number of Schools	Full-Time Pupils			Full-Time Teachers		
		Male	Female	Total			Male	Female	Total	Male	Female	Total
1918-19...	36	7,403	9,330	16,733	611	....	....	....	....	......	......	......
1922-23...	51	15,125	18,386	33,511	1,097	....	....	....	....	......	......	......
1926-27...	60	17,582	20,335	37,917	1,297	2	473	296	769	14	12	26
1930-31...	71	25,119	22,948	47,440	1,647	4	829	529	1,358	32	23	55
1935-36...	29	11,205	13,155	24,360	766	5	842	723	1,565	35	36	71
1936-37...	32	13,002	12,748	25,750	808	5	811	642	1,453	35	33	68

2. Teachers' Salaries

Year	Salaries*										University Graduates and Specialists			
	Vocational Schools					Special Industrial Schools								
	Highest	Average				Highest	Average				Graduates	Per cent.	Specialists	Per cent.
		Principal	Male Assist.	Female Assist.	All		Principal	Male Assist.	Female Assist.	All				
1918-19...			Data	not av	ailable									
1922-23...			Data	not av	ailable									
1926-27...	6,600	4,168	2,606	2,305	2,562	3,500	3,000	2,130	1,891	2,091	403	59.79	319	47.33
1930-31...	6,600	4,132	2,601	2,381	2,574	3,900	2,950	2,188	2,064	2,197	799	65.55	580	47,58
1935-36...	4,625	3,637	2,425	2,156	2,377	3,400	2,967	2,347	2,209	2,332	1,055	68.10	905	58.42
1936-37...	4,800	3,674	2,455	2,182	2,409	3,500	3,058	2,447	2,198	2,380	1,067	68.57	901	57.90

*Includes full-time and part-time teachers.

3. Receipts, Operating Expenditures, Capital Outlays

Year	Receipts				Operating Expenditures			Capital Outlays
	Legislative Grants	County Grants	Local Assessments	Total Receipts	Current	Capital	Total	
	$	$	$	$	$	$	$	$
1918...........	110,637	1,329,049		690,311	not se	parated	388,791	104,409
1922...........	638,217	831,861		2,575,598	"	"	1,307,396	564,218
1926...........	813,581	1,997,011		4,276,707	"	"	3,100,185	399,205
1930...........	1,144,052	207,927	3,634,260	9,233,601	4,197,206	735,796	4,933,002	3,167,392
1935...........	1,163,173	243,886	4,086,053	6,074,280	4,305,307	1,150,766	5,456,073	40,417
1936...........	1,001,040	231,817	4,249,760	6,078,126	4,317,055	1,215,185	5,532,240	36,312

III. TEACHERS AND TRAINING SCHOOLS

A. ATTENDANCE, NORMAL AND NORMAL-MODEL SCHOOLS

Number of Teachers in Training at Provincial Normal Schools, and the Pupils at the Normal-Model Schools in connection therewith

Year	Normal										Normal-Model	
	*Teachers	Student-Teachers										
		**Total	M	F	1st Class		2nd Class		K-P		*Teachers	†Pupils
					1st Yr.	2nd Yr.	1st Yr.	2nd Yr.	1st Yr.	2nd Yr.		
1927-28...	88	1,568	234	1,334	620	......	912	......	36	......	43	1,207
1930-31...	86	1,555	309	1,246	702	12	808	3	29	1	42	1,202
1933-34...	93	2,778	723	2,055	1,231	488	732	275	37	15	42	1,217
1935-36...	88	1,237	299	938	1,237	......	......	......	19	......	38	969
1936-37...	89	1,082	245	837	875	......	193	......	14	......	38	923
1937-38...	88	1,087	196	891	895	......	172	......	20	......	40	919

*Includes those engaged in both a Normal and a Normal-Model School.
†Calendar year enrolment.
**Includes January enrolments.

B. DEPARTMENTAL SUMMER COURSES ENROLMENT BY SUBJECTS IN RECENT YEARS

(The Summer Courses are conducted by the Department of Education for the benefit of Teachers who desire to spend a part of their summer vacation in an effort to improve their academic and professional standing, and thus to become more efficient in carrying on with a modernized curriculum.)

Courses	Centre	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
Agriculture	Guelph, Kemptville	272	295	363	487	513	378	350	566	1,121	1,336
Art	Toronto	215	265	232	261	353	183	192	223	292	321
Auxiliary Classes	Toronto	69	63	93	158	.....	66	78	109	134	130
Cadet Corps	.....	44	67	57	63	.....	.....	.....	.....	.....	.....
Commercial	Toronto	185	184	215	307	238	194	175	175	216	258
Education	See below	.....	.....	.....	.....	.....	.....	.....	.....	668	1,385
English-French	See below	450	845	678	700	806	372	305	329	253	224
Farm Mechanics	Guelph	.....	.....	.....	.....	.....	.....	.....	.....	25	23
Health Teaching	Toronto	.....	.....	.....	.....	.....	45	53	84	176	213
High School Assistant's	Toronto	9	37	38	67	99	84	79	87	51	64
*Household Arts	See below	.....	.....	.....	.....	.....	.....	.....	.....	.....	48
*Household Science	See below	69	76	88	87	.....	24	28	55	158	365
Kindergarten-Primary	London, Toronto, Ottawa	317	267	256	308	.....	169	205	208	279	320
†Manual Training	Hamilton	44	55	84	64	.....	32	33	62	102	231
Middle School	.....	39	12	13	11	.....	.....	.....	.....	.....	.....
Music—Vocal	Toronto, London	138	191	225	276	.....	152	196	409	502	693
Instrumental	Toronto, London	.....	.....	.....	.....	.....	.....	.....	.....	11	73
Oral French	Quebec	48	102	69	80	.....	62	59	48	46	57
Physical Education	See below	363	377	255	351	.....	314	271	271	252	199
Refresher Courses in Science	Toronto	21	48	57	61	.....	20	15	17	.....	.....
Refresher Courses in English and History	.....	.....	.....	37	56	.....	.....	.....	.....	.....	.....
School Nurses	Toronto	.....	45	33	34	.....	.....	34	.....	.....	.....
School Librarian's Course	Toronto	.....	.....	32	32	.....	.....	.....	.....	.....	.....
Shop Work—General	Hamilton	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
Special	Hamilton	.....	.....	.....	.....	.....	.....	.....	.....	.....	120
Upper School	See below	705	803	906	910	.....	695	701	610	637	449
Vocational	Hamilton	210	184	347	305	203	120	78	81	70	73
Vocational Guidance	Hamilton	.....	.....	22	19	.....	12	20	.....	6	.....
Total	.....	3,198	3,917	4,099	4,637	‡2,212	2,922	2,872	3,334	5,039	6,598

1937 Centres: Education—Ottawa, Kingston, London, Toronto.
Physical Education—Lake Couchiching (Women); Kingston (Men).
Upper School—Ottawa, Windsor, Port Arthur, Kingston, Toronto, London, North Bay.
English-French—Ottawa, Windsor, Sturgeon Falls.

*Type C, Hamilton; Part 1 only at Ottawa; Type B and Type A at Toronto.

†Part I only of Type B at Ottawa.

‡In the interests of economy a curtailment was made in the number of courses offered.

C. TREND IN GRADE OF TEACHERS' CERTIFICATES IN SCHOOLS IN WHICH FRENCH IS A SUBJECT OF INSTRUCTION WITH THE APPROVAL OF THE MINISTER

Year	Number of Teachers	First Class		Second Class		Third Class		District		Temporary		Permanent Ungraded	
		Number	Per cent.	Number	Per cent.	Number	Per cent.	Number	Per cent.	Number	Per cent.	Number	Per cent.
1929-30...	1,087	30	2.76	243	22.36	537	49.40	44	4.04	205	18.86	28	2.58
1930-31...	1,154	47	4.07	283	24.52	526	45.58	32	2.78	245	21.23	21	1.82
1931-32...	1,108	72	6.50	319	28.79	442	39.89	25	2.26	232	20.94	18	1.62
1932-33...	1,203	94	7.81	349	29.01	*526	43.72	13	1.09	202	16.79	19	1.58
1933-34...	1,202	117	9.73	465	38.69	449	37.35	6	.51	145	12.06	20	1.66
1934-35...	1,236	142	11.49	580	46.93	387	31.31	5	.41	105	8.49	17	1.37
1935-36...	1,257	155	12.33	710	56.48	293	23.31	4	.33	81	6.44	14	1.11
1936-37...	1,277	179	14.02	778	60.92	243	19.03	4	.31	59	4.62	14	1.10
1937-38...	1,292	216	16.72	856	66.25	144	11.15	2	.16	68	5.26	6	.46

*Due to the number of second-class teachers with provisional standing who were required to return to the Normal School to complete their qualifications this year.

D. PROFESSIONAL CERTIFICATES ISSUED BY THE DEPARTMENT DURING THE LAST TEN YEARS IN THE FOLLOWING

Year	†High School Principal	High School Assistant		First Class		Second Class		English-French			Vocational		†Kindergarten Director	Kindergarten Primary	
		A	B	A	B	A	B	Grade B	Grade C	District	A	B		A	B
1928	42	266	316	751	496	943	1,260	39	22	20	41	43	13	168	49
1929	48	327	393	702	607	734	1,145	66	12	17	34	24	15	133	59
1930	49	365	361	669	336	703	600	48	4	8	37	34	19	131	62
1931	49	432	357	693	294	775	235	45	......	......	44	34	11	124	83
1932	33	487	363	944	309	955	136	*62	......	9	112	53	8	‡48	99
1933	35	576	381	1,268	229	714	74	*71	......	10	78	43	8	103	50
1934	57	555	411	1,211	481	705	258	*91	......	13	48	65	5	127	32
1935	71	498	417	1,410	163	596	31	*40	......	8	34	64	8	109	36
1936	89	477	425	1,283	308	225	122	......	......	......	12	35	......	96	33
1937	86	303	405	1,011	654	149	184	......	......	......	43	27	......	134	52

A = Interim.
*Now called Third Class.
‡Extensive reduction in summer courses in 1932.

B = Interim certificates made permanent.
†Permanent certificate.

E. TEACHERS' INSTITUTES

Year	Teachers' Institutes	*Members	Elementary School Teachers in the Province	Receipts				Expenditures	
				Legislative Grants	Municipal Grants	Members' Fees	Receipts from all sources	Libraries	Total of all expenditures
				$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
1912	83	9,913	11,128	3,800.00	2,100.78	1,961.10	22,120.70	1,359.24	10,120.89
1917	94	12,460	12,762	5,475.00	3,701.62	3,821.23	27,712.01	3,173.12	13,977.20
1922	95	12,910	14,872	6,900.00	4,459.27	6,540.84	39,759.89	5,743.50	25,810.37
1927	99	15,249	16,345	5,600.00	4,656.02	7,322.62	44,547.01	8,092.97	25,535.76
1932	109	16,789	17,340	5,975.83	4,125.07	7,748.04	46,422.77	6,244.99	21,274.51
1935	110	17,450	17,472	....	1,569.72	9,870.28	36,713.61	4,129.16	18,409.85
1936	†88	13,498	17,536	18.00	1,039.85	8,192.82	29,314.84	5,730.76	15,877.99

*Registered attendance of members. †Some of drop due to union meetings of hitherto separate Institutes.

IV. ENROLMENT AND POPULATION

A. ENROLMENT AND EXEMPTIONS OF PUPILS OF ADOLESCENT AGE (14 AND 15 YEARS)

Year	Total Enrolment, Pupils of Adolescent Age †	Boys	Girls	Exemptions under the Adolescent Act						Grand Total	Percentage of Adolescents Exempted
				Home Permits			Employment Certificates				
				Urban	Rural	Total	Urban	Rural	Total		
1926	89,567	45,445	44,122	959	420	1,379	3,901	424	4,325	5,704	6.37
1930	83,821	42,754	41,067	984	385	1,369	2,831	320	3,151	4,520	5.39
1934	82,106	42,038	40,068	1,190	306	1,496	1,300	276	1,576	3,072	3.74
1935	102,470	52,138	50,332	1,292	391	1,683	1,748	297	2,045	3,728	3.64
1936	102,741	52,109	50,632	1,475	787	2,262	1,996	294	2,280	4,542	4.42
1937	101,994	52,016	49,978	1,435	703	2,138	2,244	244	2,488	4,626	4.34

†May enrolment. ‡Drop in numbers due to depression.

B. RELATION OF COMPULSORY ENROLMENT TO TOTAL ENROLMENT AND PROVINCIAL POPULATION

Year	Provincial Population‡	Total Day Enrolment	Total Day Enrolment as Percentage of Population	Enrolment of Pupils of Compulsory Age (8 to 15, inclusive)	Percentage of Compulsory Age Enrolment to Total Day Enrolment
1926	2,941,437	678,637	23.07	479,767	69.77
1930	3,141,633	661,948	21.07	451,404	59.55
1934	3,275,228	679,474	20.75	490,929	72.25
1935	3,321,618	676,327	20.36	493,627	72.99
1936	3,350,139	672,706	20.08	502,320	74.67

†May enrolment. ‡Ontario Municipal Statistics.

V. COMPARATIVE SUMMARIES

A. PUPIL MOVEMENT

Year	Elementary Schools									Secondary Schools											
	Beginners Admitted			May Enrolment all Forms	May Enrolment Form IV Sr.	High School Entrance Candidates	Number Successful	May Enrolment Form V	Retirements (a)	Beginners Admitted				May Enrolment, Full-Time Pupils (b)					Departmental Examination Candidates		
	Public	Separate	Total							High	Continuation	Vocational	Total	Lower School 1	Lower School 2	Middle School	Upper School	Total	Lower School	Middle School	Upper School
1921-22	......	......	......	......	......	28,210	19,656	......	......	14,653	3,226	2,722	20,601	19,373	13,639	11,560	2,338	46,910	20,330	13,666	2,708
1926-27	60,752	12,661	73,413	......	......	44,121	37,451	......	16,541	17,312	3,477	8,543	29,332	32,255	20,347	21,742	5,549	79,893	35,110	25,752	11,632
1931-32	55,760	12,446	68,206	580,612	54,757	50,280	40,718	8,196	13,274	19,150	4,049	13,273	36,472	38,921	26,980	32,624	7,913	106,438	45,071	33,139	17,509
1934-35	54,534	11,964	66,498	565,777	57,221	55,092	45,737	10,565	11,465	19,072	3,642	12,765	35,479	37,012	27,231	34,345	9,451	108,039	48,781	35,975	21,623
1935-36	55,603	12,756	68,359	561,937	57,746	54,991	46,320	11,618	12,494	18,937	3,337	17,004	39,278	37,502	28,200	34,506	8,972	109,180	47,369	35,731	21,229
1936-37	55,581	12,584	68,123	555,713	57,112	55,032	46,484	9,993	13,441	20,183	3,109	12,770	36,062	37,460	27,534	34,259	7,979	107,232	46,489	35,856	19,685

(a) Upon reaching compulsory age limit. (b) Excluding Special pupils.

B. PUPILS, TEACHERS, AND TEACHERS' SALARIES IN PROVINCIALLY-CONTROLLED SCHOOLS (1912-1936)

(1) Pupil Enrolment

Year	Public Schools (D & E)	Separate Schools	Continuation Schools	High Schools and Collegiate Institutes (D & E)	‡ Vocational Schools (D & E)
1912	429,030	61,297	6,094	32,608	....
1917	458,436	70,048	5,104	33,024	18,271
1922	515,202	88,546	8,777	46,340	42,913
1923	521,364	91,051	9,337	51,027	49,271
1924	517,256	93,524	10,545	55,116	50,884
1925	520,528	95,300	9,944	57,059	53,700
1926	528,425	97,248	9,654	56,352	59,118
1927	535,691	101,072	10,079	59,692	63,609
1928	537,786	103,342	9,843	60,238	68,323
1929	543,927	105,518	9,368	61,038	73,526
1930*	472,564	91,925	10,039	62,041	80,135
1931	476,892	95,974	11,104	68,579	81,666
1932	484,896	101,552	11,364	71,492	70,798
1933	483,405	101,513	11,070	70,724	57,261
1934	465,171	101,591	10,852	70,283	59,171
1935	461,362	101,152	9,464	70,029	61,387
1936	455,966	101,010	8,935	68,921	62,159

†(2) Teaching Staff

1912	9,891	1,237	226	917	....
1917	11,274	1,488	241	1,051	132
1922	12,914	1,958	323	1,420	286
1923	13,250	2,053	350	1,543	371
1924	13,359	2,149	396	1,657	416
1925	13,545	2,188	408	1,739	530
1926	13,723	2,293	422	1,799	605
1927	13,958	2,388	454	1,875	660
1928	14,016	2,433	460	1,955	795
1929	14,204	2,528	455	2,047	893
1930	14,494	2,568	481	2,134	1,055
1931	14,766	2,693	490	2,240	1,168
1932	14,601	2,739	493	2,307	1,229
1933	14,456	2,764	494	2,295	1,221
1934	14,518	2,817	502	2,361	1,229
1935	14,580	2,892	482	2,403	1,259
1936	14,595	2,941	478	2,452	1,254

(3) Teachers' Salaries

1912	$5,652,747	$456,800	$202,875	$1,232,537	....
1917	7,763,361	635,089	228,362	1,554,049	$246,076§
1922	15,308,587	1,382,395	474,241	2,963,011	787,370
1923	16,008,524	1,526,180	533,395	3,392,901	1,022,377
1924	16,512,586	1,592,982	590,085	3,716,940	1,274,964
1925	16,898,259	1,670,852	595,629	3,986,032	1,525,632
1926	16,920,874	1,683,383	617,546	4,161,903	1,781,065
1927	17,221,594	1,784,722	653,770	4,330,079	1,982,571
1928	17,642,202	1,848,359	682,879	4,530,035	2,298,614
1929	18,048,873	1,950,091	689,711	4,830,853	2,676,633
1930	18,461,628	2,041,344	727,748	5,057,646	3,062,874
1931	18,690,679	2,145,571	757,889	5,340,900	3,547,777
1932	18,279,370	2,160,976	732,837	5,355,751	3,605,249
1933	16,493,058	2,121,813	658,558	5,026,466	3,253,995
1934	16,148,538	2,155,443	607,017	4,906,551	3,362,919
1935	16,586,817	2,124,920	570,006	4,968,005	3,425,849
1936	16,328,612	2,281,520	578,460	4,936,744	3.423,555

D & E—Day and Evening.

§1918.

†Full-Time Day Staff.

*May enrolment instead of entire year's enrolment, Commencing with 1930.

‡Including Senior Auxiliary

C. GENERAL STATISTICAL ABSTRACT

Showing the Comparative State and Progress of Publicly Controlled Education in Ontario from 1917 to 1936

	1917	1922	1927	1932	1935	1936
Population ×	2,560,453	2,792,482	2,966,465	3,239,437	3,321,618	3,350,139
Number of Schools—						
Public	6,103	6,289	6,426	6,424	6,413	6,347
R.C. Separate	548	656	724	764	793	812
Continuation	137	181	217	220	211	208
High	162	175	197	207	222	225
Vocational (Day)	11	16	42	67	58	58
Sr. Auxiliary	....	....	....	....	5	5
Total	**6,961**	**7,317**	**7,606**	**7,682**	**7,702**	**7,655**
Enrolment of Pupils†—						
Public (Day and Evening)	458,436	515,202	535,691	484,896	461,362	455,966
R.C. Separate	70,048	88,546	101,072	101,552	101,152	101,010
Continuation	5,104	8,777	10,079	11,364	9,464	8,935
High (Day and Evening)	33,024	46,340	59,692	71,492	70,029	68,921
Vocational (Day)	3,674	9,402	24,513	36,938	35,418	34,766
" (Evening)	14,597	33,511	39,096	33,860	24,360	25,750
Sr. Auxiliary (Day & Evg.)	....	....	....	....	1,609	1,643
Total	**584,883**	**701,778**	**770,143**	**740,102**	**703,394**	**696,991**
Number of Teachers—						
Public	11,274	12,914	13,958	14,601	14,580	14,595
R.C. Separate	1,488	1,958	2,388	2,739	2,892	2,941
Continuation	241	323	454	493	482	478
High	1,051	1,420	1,875	2,307	2,403	2,452
Vocational (Day)	132	286	831	1,480	1,478	1,447
" (Evening)	....	1,097	1,276	1,173	766	808
Sr. Auxiliary	....	....	....	....	71	68
Total	**14,186**	**17,998**	**@20,667**	**@21,812**	**@21,897**	**@21,644**
Net Municipal Expenditures*—	$	$	$	$	$	$
Public	11,953,393	25,481,416	27,073,528	25,057,542	23,104,450	22,999,302
R.C. Separate	1,250,596	3,562,756	4,320,995	3,282,788	3,261,051	3,171,078
Continuation	258,888	734,214	922,616	865,306	700,781	691,482
High	2,234,887	6,465,986	8,315,328	7,836,819	7,359,605	7,216,739
Vocational	....	1,233,397	2,939,171	4,421,097	4,082,345	4,317,722
Sr. Auxiliary	....	....	....	....	210,555	213,478
Total	**15,697,764**	**37,477,769**	**43,571,638**	**‡41,463,552**	**‡38,718,787**	**‡38,609,801**
Legislative Grants—	$	$	$	$	$	$
Public	844,719	2,780,749	3,318,071	3,312,585	2,469,022	2,601,815
R.C. Separate	63,127	95,963	368,230	535,111	544,895	564,019
Continuation	65,733	147,217	230,977	220,733	174,764	189,917
High	184,088	276,889	443,727	464,882	441,344	480,484
Vocational	....	638,217	1,036,441	1,554,734	1,109,091	959,611
Sr. Auxiliary	....	....	....	....	54,082	41,429
Total	**1,157,667**	**4,040,035**	**5,397,446**	**6,088,046**	**4,793,198**	**4,837,275**
Teachers' Salaries—	$	$	$	$	$	$
Public	7,763,361	15,308,587	17,221,594	18,279,370	16,586,817	16,328,612
R.C. Separate	635,089	1,382,395	1,784,722	2,160,976	2,124,920	2,281,520
Continuation	228,362	474,241	653,770	732,837	570,006	578,460
High	1,554,049	2,963,011	4,330,079	5,355,751	4,968,005	4,936,744
Vocational	....	787,370	1,982,571	3,605,249	3,260,836	3,260,422
Sr. Auxiliary	....	....	....	....	165,013	163,133
Total	**10,180,861**	**20,915,594**	**25,972,736**	**30,134,183**	**27,675,597**	**27,548,891**

×Ontario Municipal Statistics figure.
*Less Legislative Grants.
‡Operating Expenditures.

Financial figures cover the calendar year specified. Commencing with 1935 all other data covers the school year ended six months after the calendar year specified. Previous to this, elementary school data covers the calendar year.

†May enrolment, commencing with 1932.
@Without duplication.

THE PUBLIC AND SEPARATE SCHOOLS

TABLE 1—ENROLMENT AND ATTENDANCE, 1936-37

* RURAL SCHOOLS	May Enrolment			Average Attendance for the Year			Days Lost per Year per Pupil of May Enrolment			Attendance Efficiency Percentage		
	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total
(Counties)												
Addington....	578	51	629	493	46	539	21.92	16.45	21.48	88.14	91.24	88.38
Brant........	1,933	....	1,933	1,714	....	1,714	17.32	......	17.32	90.57	......	90.57
Bruce........	3,087	484	3,571	2,646	458	3,104	19.69	12.47	18.71	90.04	96.50	90.80
Carleton......	3,232	1,370	4,602	2,787	1,232	4,019	18.73	17.51	18.37	89.59	90.78	89.96
Dufferin......	1,524	....	1,524	1,230	....	1,230	25.31	......	25.31	87.19	......	87.19
Dundas.......	1,742	31	1,773	1,563	30	1,593	17.49	12.61	17.40	90.75	93.66	90.81
Durham......	2,023	....	2,023	1,745	....	1,745	20.72	......	20.72	88.47	......	88.47
Elgin.........	2,915	....	2,915	2,487	....	2,487	18.72	......	18.72	88.77	......	88.77
Essex........	4,423	1,607	6,0 0	3,820	1,460	5,280	19.43	13.31	17.80	89.58	92.60	90.39
Frontenac....	3,203	171	3,374	2.648	144	2.792	26.45	29.16	26.59	85.67	87.56	85.77
Glengarry.....	1,808	691	2,499	1,516	686	2.202	28.09	20.66	26.03	55.26	82.19	63.02
Grenville.....	1,284	....	1,284	1.079	....	1.079	26.09	......	26.09	86.10	......	86.10
Grey.........	4,965	105	5,070	4,277	95	4,372	17.16	17.80	17.17	90.41	90.19	90.40
Haldimand....	1,888	....	1,888	1,673	....	1,673	17.31	......	17.31	86.85	......	86.85
Haliburton....	1,216	....	1,216	1,029	....	1,029	24.89	......	24.89	83.88	......	83.88
Halton.......	1,716	....	1,716	1,497	....	1,497	20.63	......	20.63	88.86	......	88.86
Hastings......	4,658	170	4,828	3,965	150	4,115	22.85	20.66	22.78	87.58	88.83	87.62
Huron........	4,287	189	4,476	3,793	178	3,971	17.07	13.30	16.91	90.91	98.34	91.23
Kent.........	4,781	428	5,209	4,070	373	4,473	20.73	21.92	20.84	88.80	88.20	88.76
Lambton.....	3.984	37	4,021	3,459	35	3,494	20.78	27.76	20.84	88.99	86.75	88.98
Lanark.......	2,010	45	2,055	1,714	39	1,753	18.76	31.31	19.04	89.77	84.08	87.66
Leeds........	2,647	25	2,673	2,260	17	2,277	22.92	48.00	23.17	87.75	72.19	86.97
Lennox.......	1,658	14	1,672	1,409	11	1,420	25.35	28.36	25.38	86.61	84.54	85.91
Lincoln.......	2,728	....	2,728	2,461	....	2,461	17.37	......	17.37	90.87	......	90.87
Middlesex....	4,746	71	4,817	4,141	63	4,204	20.20	18.62	20.17	90.13	90.25	90.14
Norfolk.......	3,664	125	3,789	3,004	106	3,110	24.45	29.55	24.62	86.54	84.16	86.46
Northumb'rl'd	2,549	63	2,612	2,182	55	2,237	22.94	19.84	22.87	87.54	89.42	87.58
Ontario.......	3,448	60	3,508	2,994	55	3,049	19.42	27.33	19.58	89.58	86.52	89.53
Oxford.......	3,659	....	3,659	3,178	....	3,178	16.78	......	16.78	90.87	......	90.87
Peel..........	2,519	4	2,523	2,136	3	2,139	22.14	15.75	22.13	88.19	91.84	88.19
Perth........	3,267	316	3,583	2,765	297	3,062	15.98	14.47	15.85	91.11	92.52	91.23
Peterborough..	2,274	95	2,369	1,931	74	2,005	20.53	18.02	20.42	87.29	89.24	87.36
Prescott......	1,144	2,145	3,289	966	2,133	3,099	21.87	16.28	18.22	87.98	91.24	90.12
Prince Edward	1,475	....	1,475	1,263	....	1,263	21.97	......	21.97	88.15	......	88.15
Renfrew......	4,104	655	4,759	3,392	580	3,972	26.68	19.10	25.64	85.39	89.62	85.97
Russell.......	738	2,174	2,912	642	2,061	2,703	21.27	17.09	18.15	88.73	91.77	91.01
Simcoe.......	5,724	282	6,006	4,819	182	5,001	24.39	12.32	23.83	87.89	90.84	87.97
Stormont.....	2,500	534	3,034	1,843	491	2,334	23.16	16.30	21.95	86.08	91.59	87.17
Victoria......	1,975	63	2,038	1,814	55	1,869	21.19	16.48	21.04	88.69	91.12	88.76
Waterloo.....	3,446	431	3,877	3,053	384	3,437	12.21	8.19	11.76	93.28	95.59	93.54
Welland......	2,862	....	2,862	2,480	....	2,480	20.03	......	20.03	89.29	......	89.29
Wellington....	3,417	128	3,545	2,965	117	3,082	19.34	12.58	19.10	89.67	93.08	89.79
Wentworth....	3,517	78	3,595	3,152	72	3,224	17.88	11.04	17.73	90.35	94.14	90.43
York.........	6,649	1,953	8,602	5,804	1,778	7,582	18.43	16.10	17.91	90.52	91.49	90.74
Totals and Averages....	127,967	14,596	142,563	109,859	13,460	123,319	20.49	16.63	20.09	87.23	91.07	87.65
(Districts)												
Algoma.......	2,750	88	2,838	2,528	74	2,602	24.37	30.27	24.56	89.13	84.29	89.04
Cochrane.....	2,064	3,161	5,225	2,258	2,743	5,001	26.15	18.56	21.56	86.81	88.40	87.78
Kenora.......	1,083	31	1,114	910	28	938	23.48	14.19	23.23	87.36	92.46	87.51
Manitoulin....	1,215	....	1,215	1,046	....	1,046	22.68	......	22.68	88.23	......	88.23
Muskoka.....	2,083	85	2,168	1,762	59	1,821	24.06	57.35	25.37	84.83	69.97	84.23
Nipissing.....	1,862	1,521	3,383	1,536	1,326	2,862	25.26	17.26	21.66	86.44	90.60	88.30
Parry Sound..	2,881	....	2,881	2,343	....	2,343	24.66	......	24.66	86.24	......	86.24
Rainy River...	1,648	76	1,724	1,359	65	1,424	29.48	30.08	29.51	84.37	84.57	84.38
Sudbury......	3,354	2,061	5,415	2,821	1,790	4,611	23.70	20.25	22.40	87.33	89.10	88.00
Temiskaming..	2,315	1,426	3,741	1,952	1,295	3,247	29.86	15.85	24.51	83.31	92.62	87.22
Thunder Bay..	2,885	30	2,915	2,366	24	2,390	25.49	18.27	25.42	86.08	89.74	86.11
Totals and Averages....	24,140	8,479	32,619	20,881	7,404	28,285	25.39	18.88	23.70	86.39	89.51	87.22
All Rural...	152,107	23,075	175.182	130,740	20,864	151,604	21.27	17.46	20.76	86.87	90.50	87.36

* Exclusive of large fully graded rural public schools listed below.

LARGE FULLY GRADED RURAL PUBLIC SCHOOLS

County	Township	School Section	May Enrolment	Average Daily Attendance for the Year	Days Lost per Year per pupil of May Enrolment	Attendance Efficiency Percentage
Brant...............	Brantford...........	3	280	356	14.51	92.38
Carleton............	Nepean..............	2	1,029	934	14.96	92.13
Essex..............	Sandwich, East........	5	463	434	12.79	93.29
Lincoln............	Grantham...........	U. 5, 6	257	235	20.75	89.47
Ontario............	Whitby, East.........	10	426	395	15.43	92.11

THE PUBLIC AND SEPARATE SCHOOLS

TABLE 1—ENROLMENT AND ATTENDANCE, 1936-37

County	Township	School Section	May Enrolment	Average Daily Attendance for the Year	Days Lost per Year per pupil of May Enrolment	Attendance Efficiency Percentage
Peel	Toronto	7	491	436	20.31	90.24
Peterborough	Monaghan, North	2	378	328	18.30	90.05
Welland	Stamford	4	293	267	14.38	92.50
	Stamford	6	475	428	12.39	93.35
	Stamford	7	303	286	13.15	93.17
	Bertie	11	285	251	20.65	88.89
	Crowland	3	651	620	11.73	94.00
	Thorold	2	297	275	6.96	96.25
York	Etobicoke	3	387	341	14.11	92.39
	Etobicoke	5	312	259	16.33	90.81
	Etobicoke	8	320	272	18.83	89.77
	Etobicoke	11	464	441	12.62	93.60
	Etobicoke	16	498	444	21.41	88.99
	York	Twp.	11,106	10,367	12.52	93.49
	York, East	7	1,926	1,779	12.41	93.48
	York, East	26	2,357	2,172	15.15	92.15
	York, East	27	1,701	1,587	12.33	93.59
	York, North	3	1,436	1,323	16.88	91.33
	Scarborough	10	882	803	17.16	91.10
	Scarborough	12	814	744	15.63	91.87
	Scarborough	13	420	376	14.53	92.11
	Scarborough	15	557	504	16.27	91.48
Totals and Averages	Counties	....	28,808	26,555	14.02	92.71
(Districts)						
Cochrane	Tisdale	1	638	586	12.32	94.23
	Tisdale	2	686	650	9.23	95.20
Parry Sound	Himsworth	U. 4	259	225	26.69	86.21
Sudbury	Chapleau	1	204	187	13.06	93.18
	Snider and Creighton	U. 1	296	283	10.29	94.73
Temiskaming	Tech and Lebel	U. 2	1,723	1,516	16.32	91.19
Thunder Bay	Schreiber	1	200	176	22.12	88.52
Totals and Averages,	Districts	....	4,006	3,623	14.51	92.24
Grand Totals and	Averages	....	32,814	30,178	14.08	92.65

URBAN SCHOOLS

Cities	May Enrolment			Average Attendance for the Year			Days Lost per Year per Pupil of May Enrolment			Attendance Efficiency Percentage		
	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total
(Counties)												
Belleville	1,882	439	2,321	1,726	415	2,141	15.24	13.63	14.94	91.99	92.85	92.16
Brantford	3,827	732	4,559	3,640	688	4,328	9.85	7.81	9.52	94.88	95.81	95.03
Chatham	2,000	586	2,586	1,841	550	2,391	12.60	18.39	13.91	93.60	90.00	92.74
Galt	1,713	239	1,952	1,578	226	1,804	7.05	7.98	7.16	96.12	95.72	96.10
Guelph	2,545	930	3,475	2,344	844	3,188	13.28	11.54	12.81	93.09	93.76	93.26
Hamilton	21,067	4,618	25,685	19,307	4,403	23,710	14.26	8.35	13.30	92.56	95.32	93.06
Kingston	2,830	880	3,710	2,541	684	3,225	19.79	14.70	18.58	91.11	92.18	91.83
Kitchener	4,079	1,686	5,765	3,860	1,647	5,507	11.10	5.31	9.58	94.19	97.12	95.05
London	9,076	1,511	10,587	8,332	1,407	9,739	17.18	13.90	16.70	91.34	93.06	91.59
Niagara Falls	2,574	484	3,058	2,440	462	2,902	10.39	11.38	10.54	94.63	94.09	94.55
Oshawa	3,775	430	4,205	3,500	409	3,909	15.88	14.81	15.75	91.74	92.46	91.82
Ottawa	10,021	11,288	21,309	9,045	10,534	19,579	20.21	12.60	16.18	89.70	93.20	91.54
Owen Sound	2,023	165	2,188	1,871	153	2,024	14.12	11.26	13.90	92.54	94.01	92.77
Peterborough	2,823	1,005	3,828	2,598	934	3.532	14.47	13.22	14.14	92.50	93.03	92.64
St. Catharines	3,529	791	4,320	3,233	709	3,942	15.10	15.19	15.12	91.99	91.81	91.96
St. Thomas	1,885	244	2,129	1,773	230	2,003	9.84	15.20	10.44	94.86	92.13	94.55
Sarnia	2,417	498	2,915	2,272	462	2.734	13.51	12.11	12.61	93.47	93.70	93.52
Stratford	2,212	462	2,674	2,094	412	2,506	10.95	7.76	10.42	94.37	95.59	94.61
Toronto	81,263	12,220	93,483	73,478	11,053	84,531	15.59	12.92	15.33	91.88	92.66	91.98
Welland	1,906	....	1,906	1,743	....	1,743	15.14	......	15.14	92.07	......	92.07
Windsor	12,354	7,094	19,448	11,345	6,600	17,945	11.66	11.65	11.65	93.77	93.82	93.79
Woodstock	1,396	153	1,549	1,249	143	1,392	16.43	19.00	16.76	91.35	89.97	91.21
Totals and Averages	177,197	46,455	223,652	161,810	42,965	204,775	14.91	12.19	14.35	92.27	93.51	92.53
(Districts)												
Fort William	3,291	1,204	4,495	3,033	1,091	4,124	11.82	15.85	12.90	93.77	91.57	93.18
North Bay	1,512	1,478	2,990	1,404	1,338	2,742	13.79	10.66	12.40	92.84	94.60	93.44
Port Arthur	2,412	704	3,116	2,221	631	2,852	15.61	13.22	15.07	92.50	92.76	92.57
Sault Ste. Marie	3,011	1,427	4,438	2,698	1,270	3,968	18.44	16.26	17.74	90.40	91.23	90.66
Sudbury	1,756	1,528	3,284	1,539	1,308	2,847	22.21	11.54	16.98	88.38	93.37	90.73
Totals and Averages	11,982	6,341	18,323	10,895	5,638	16,533	15.95	10.59	15.19	91.79	92.52	92.03
All Cities	189,179	52,796	241,975	172,705	48,603	221,308	14.98	12.01	14.41	92.24	93.41	92.49

THE PUBLIC AND SEPARATE SCHOOLS

TABLE 1—ENROLMENT AND ATTENDANCE, 1936-37

Towns	May Enrolment			Average Attendance for the Year			Days Lost per Year per Pupil of May Enrolment			Attendance Efficiency Percentage		
	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total
(Counties)												
Alexandria	34	458	492	27	423	450	17.32	14.28	14.49	90.19	92.47	92.31
Alliston	248	....	248	230	....	230	13.76	......	13.76	92.85	......	92.85
Almonte	269	106	375	251	100	351	13.19	7.87	11.97	93.11	95.80	93.74
Amherstburg	207	345	552	194	311	505	9.35	8.04	8.74	95.10	95.34	95.25
Arnprior	410	382	792	374	344	718	16.20	13.46	14.88	91.58	92.68	92.10
Aurora	413	....	413	386	....	386	16.26	......	16.26	91.74	......	91.74
Aylmer	387	....	387	344	....	344	13.21	......	13.21	92.87	......	92.87
Barrie	1,180	122	1,302	987	110	1,097	17.46	16.14	17.34	90.25	91.39	90.36
Blenheim	312	28	340	285	20	305	12.16	17.60	12.61	93.55	88.65	93.21
Bothwell	81	....	81	77	....	77	13.92	......	13.92	93.00	......	93.00
Bowmanville	549	....	549	504	....	504	13.21	......	13.21	93.03	......	93.03
Brampton	729	....	729	,670	....	670	14.44	......	14.44	92.53	......	92.53
Brockville	1,249	232	1,481	1 111	219	1,330	14.64	15.57	14.77	92.55	92.01	92.40
Burlington	511	....	511	467	....	467	12.94	......	12.94	91.04	......	91.04
Campbellford	432	77	509	378	70	448	21.24	15.80	20.43	88.82	91.60	89.25
Carleton Place	662	....	662	611	....	611	14.39	......	14.39	92.58	......	92.58
Chesley	232	....	232	216	....	216	10.22	......	10.22	94.63	......	94.63
Clinton	212	....	212	198	....	198	11.73	......	11.73	93.90	......	93.90
Cobourg	690	197	887	613	180	793	15.18	13.46	14.80	92.17	92.58	92.08
Collingwood	827	33	860	726	26	752	20.76	28.69	21.06	89.06	83.92	88.54
Cornwall	894	2,557	3,451	811	2,422	3,233	16.36	16.17	16.22	91.46	91.77	91.69
Deseronto	214	....	214	189	....	189	22.93	......	22.93	88.15	......	88.15
Dresden	212	....	212	196	....	196	18.59	......	18.59	90.57	......	90.57
Dundas	636	109	745	561	102	663	13.51	12.12	13.43	92.95	93.24	92.69
Dunnville	476	....	476	441	....	444	12.01	......	12.01	93.74	......	93.74
Durham	264	....	264	233	....	233	11.50	......	11.50	93.60	......	93.60
Eastview	227	1,222	1,449	196	1,173	1,369	23.17	7.54	9.92	83.99	95.93	94.67
Elmira	343	....	343	323	....	323	7.71	......	7.71	95.93	......	95.93
Essex	296	38	334	268	33	301	14.40	18.18	14.72	92.42	90.85	92.40
Forest	181	....	181	161	....	161	16.37	......	16.37	91.34	......	91.34
Fort Erie	959	....	959	876	....	876	18.97	......	18.97	90.27	......	90.27
Gananoque	403	135	538	362	125	487	19.80	17.10	19.25	91.08	90.89	90.05
Georgetown	314	....	314	271	....	271	16.36	......	16.36	90.70	......	90.70
Goderich	567	66	633	523	60	583	15.22	16.40	15.38	92.14	90.55	91.99
Grimsby	295	....	295	277	....	277	15.77	......	15.77	93.38	......	93.38
Hanover	452	77	529	428	66	494	12.62	9.87	12.70	93.54	94.36	93.65
Harriston	192	....	192	185	....	185	10.83	......	10.83	94.12	......	94.12
Harrow	188	....	188	174	....	174	11.90	......	11.90	93.76	......	93.76
Hawkesbury	128	1,230	1,358	118	1,163	1,281	17.14	10.55	11.17	92.82	94.27	93.95
Hespeler	485	31	516	446	29	475	8.66	10.74	8.79	95.35	94.35	95.28
Ingersoll	730	84	814	662	73	735	15.04	16.54	15.20	91.98	92.11	91.87
Kincardine	355	....	355	332	....	332	12.08	......	12.08	93.71	......	93.71
Kingsville	413	....	413	360	....	360	22.74	......	22.74	88.11	......	88.11
La Salle	37	171	208	25	164	189	27.24	11.47	14.28	82.86	94.07	92.38
Leamington	767	91	858	732	88	820	10.75	19.13	11.41	94.48	90.66	94.17
Leaside	338	....	338	296	....	296	15.92	......	15.92	91.40	......	91.40
Lindsay	957	185	1,142	868	167	1,035	14.87	18.11	15.11	92.17	91.29	92.03
Listowel	335	....	335	310	....	310	13.23	......	13.23	93.10	......	93.10
Meaford	317	....	317	297	....	297	14.62	......	14.62	92.52	......	92.52
Merritton	337	76	413	300	69	369	13.98	14.86	14.15	92.47	92.16	92.41
Midland	798	419	1,217	749	402	1,151	15.20	7.61	12.90	92.03	94.75	93.37
Milton	273	....	273	236	....	236	20.56	......	20.56	88.34	......	88.34
Mimico	1,077	309	1,386	1,005	282	1,287	11.07	13.11	11.52	94.24	90.08	93.97
Mitchell	221	....	221	204	....	204	13.70	......	13.70	92.87	......	92.87
Mount Forest	187	47	234	178	44	222	8.88	9.48	9.01	95.12	94.94	95.31
Napanee	449	....	449	384	....	384	21.51	......	21.51	88.49	......	88.49
Newmarket	526	49	575	499	45	544	12.43	11.59	12.40	93.49	93.19	93.52
New Toronto	1,134	....	1,134	1,048	....	1,048	15.09	......	15.09	92.06	......	92.06
Niagara	183	....	183	163	....	163	19.80	......	19.80	89.64	......	89.64
Oakville	506	49	555	474	45	519	15.72	13.19	17.51	90.97	93.12	91.15
Orangeville	329	....	329	300	....	300	14.44	......	14.44	91.93	......	91.93
Orillia	1,230	180	1,410	1,147	163	1,310	14.44	24.51	15.23	92.41	87.49	92.16
Palmerston	198	....	198	185	....	185	7.05	......	7.05	96.22	......	96.22
Paris	501	51	552	473	47	520	8.11	8.75	8.17	95.73	95.40	95.70
Parkhill	131	21	152	119	20	139	16.48	34.00	18.91	91.43	84.50	90.36
Pembroke	931	940	1,871	866	873	1,739	13.34	11.25	12.29	93.09	93.99	93.54
Penetanguishene	900	....	900	806	....	806	17.79	.....	17.79	90.49	.....	90.49
Perth	431	153	584	401	142	543	15.25	12.46	14.42	92.52	93.43	92.53
Petrolia	369	....	369	354	....	354	13.14	......	13.14	93.38	......	93.38
Picton	453	52	505	422	47	469	13.92	15.15	15.07	92.22	91.96	92.20
Port Colborne	1,398	....	1,398	1,290	....	1,290	14.49	......	14.49	92.47	......	92.47
Port Hope	649	....	649	606	....	606	11.30	......	11.30	94.10	......	94.10
Prescott	334	93	427	299	86	385	21.96	11.57	19.94	88.74	93.32	89.71
Preston	705	311	1,016	635	301	936	8.48	7.40	8.16	95.18	96.11	95.58
Renfrew	430	615	1,045	405	545	950	14.18	5.17	8.88	92.57	97.02	95.12
Ridgetown	273	....	273	253	....	253	14.37	......	14.37	92.56	......	92.56
Riverside	565	506	1,071	547	478	1,025	13.16	11.40	12.32	93.28	94.12	93.67
Rockland	21	496	517	19	490	509	34.45	14.49	15.30	84.06	92.84	92.46
St. Mary's	415	53	468	383	47	430	12.60	18.33	13.25	93.43	90.33	93.08
Seaforth	202	51	253	181	49	230	12.91	10.91	12.50	91.97	94.34	93.31

THE PUBLIC AND SEPARATE SCHOOLS

TABLE 1—ENROLMENT AND ATTENDANCE, 1936-37

Towns	May Enrolment			Average Attendance for the Year			Days Lost per Year per Pupil of May Enrolment			Attendance Efficiency Percentage		
(Counties)	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total
Simcoe	915	....	915	800	....	800	12.65	......	12.65	93.02	......	93.02
Smith's Falls	944	171	1,115	876	162	1,038	13.98	12.13	13.69	92.79	93.72	92.94
Southampton	169	....	169	157	....	157	11.35	......	11.35	94.08	......	94.08
Stayner	127	....	127	113	....	113	15.85	......	15.85	91.56	......	91.56
Strathroy	418	....	418	381	....	381	14.11	......	14.11	91.30	......	91.30
Tecumseh	74	552	626	57	508	565	15.71	12.31	12.72	90.01	93.42	93.09
Thornbury	114	....	114	104	....	104	11.76	......	11.76	93.74	......	93.74
Thorold	546	393	939	519	361	880	10.97	9.83	10.49	94.36	94.66	94.49
Tilbury	144	271	415	129	250	379	13.47	12.75	13.00	92.80	93.20	92.79
Tillsonburg	539	....	539	515	....	515	13.94	......	13.94	92.96	......	92.96
Trenton	937	208	1,145	906	199	1,105	10.23	19.11	12.09	94.07	92.74	93.84
Uxbridge	252	....	252	235	....	235	12.71	......	12.71	93.46	......	93.46
Vankleek Hill	63	217	280	56	199	255	14.23	13.31	13.52	92.42	92.94	92.82
Walkerton	195	203	398	173	199	372	19.17	10.23	14.89	89.92	94.38	92.44
Wallaceburg	583	482	1,065	543	392	935	14.45	17.46	15.82	93.15	89.96	91.38
Waterloo	1,047	427	1,474	983	409	1,392	8.31	8.77	8.44	95.62	95.39	95.55
Weston	664	219	883	606	192	798	15.52	14.33	15.22	91.95	92.39	92.00
Whitby	457	51	508	427	47	474	14.77	12.37	14.53	92.47	93.48	92.57
Wiarton	286	....	286	274	....	274	11.77	......	11.77	94.02	......	94.02
Wingham	240	....	240	225	....	225	10.36	......	10.36	95.67	......	95.67
Totals and Averages	46,479	15,641	62,120	42,583	14,561	57,144	14.39	12.46	13.90	92.46	93.40	92.68
(Districts)												
Bala	71	....	71	64	....	64	21.36	......	21.36	88.77	......	88.77
Blind River	209	377	586	175	353	528	13.45	16.19	15.21	92.88	91.68	92.10
Bonfield	....	178	178	....	152	152	......	9.00	9.00	......	94.70	94.70
Bracebridge	439	....	439	395	....	395	17.10	......	17.10	91.09	......	91.09
Bruce Mines	103	....	103	95	....	95	14.31	......	14.31	92.62	......	92.62
Cache Bay	71	149	220	59	129	188	16.76	18.77	18.45	90.14	89.81	89.84
Capreol	380	....	380	360	....	360	15.89	......	15.89	91.99	......	91.99
Charlton	89	28	117	70	19	89	21.09	25.50	21.94	87.86	84.17	87.05
Chelmsford	....	264	264	....	235	235	......	7.87	7.87	......	95.55	95.55
Cobalt	407	322	729	364	308	672	18.77	11.30	15.47	90.16	94.15	91.93
Cochrane	401	301	702	379	275	654	10.86	15.00	14.12	94.40	91.90	93.37
Coniston	94	386	480	88	365	453	11.27	9.88	10.15	94.12	94.79	94.67
Copper Cliff	527	....	527	487	....	487	16.56	......	16.56	91.49	......	91.49
Dryden	352	....	352	321	....	321	18.60	......	18.60	90.50	......	90.50
Englehart	285	....	285	266	....	266	11.40	......	11.40	92.20	......	92.20
Fort Frances	976	333	1,309	888	299	1,187	13.11	9.81	12.27	93.01	94.59	93.43
Frood Mine	22	....	22	19	....	19	16.52	......	16.52	91.10	......	91.10
Gore Bay	127	....	127	102	....	102	12.69	......	12.69	92.45	......	92.45
Gravenhurst	404	....	404	368	....	368	15.74	......	15.74	91.75	......	91.75
Haileybury	247	220	467	212	192	404	21.74	15.02	18.58	88.21	91.54	89.75
Hearst	93	193	286	89	150	239	9.32	12.00	11.75	95.19	92.41	93.16
Huntsville	475	....	475	467	....	467	16.09	......	16.09	91.40	......	91.40
Iroquois Falls	210	243	453	197	236	433	14.20	6.15	9.88	92.73	96.77	94.88
Kapuskasing	374	....	374	355	....	355	11.26	......	11.26	94.20	......	94.20
Kearney	58	23	81	56	23	79	9.46	12.00	10.21	95.16	91.94	94.87
Keewatin	232	44	276	216	38	254	10.36	12.25	10.66	94.57	93.17	94.35
Kenora	1,087	262	1,349	994	231	1,225	14.40	10.95	13.75	92.44	93.84	92.70
Latchford	86	....	86	75	....	75	23.42	......	23.42	87.68	......	87.68
Little Current	126	46	172	112	37	149	22.40	11.33	19.45	88.54	93.17	89.60
Massey	84	102	186	72	88	160	22.12	20.42	21.24	88.16	88.82	88.52
Matheson	139	....	139	106	....	106	21.01	......	21.01	87.59	......	87.59
Mattawa	37	354	391	32	307	339	30.70	21.13	22.08	83.96	88.42	87.97
Nesterville	60	....	60	53	....	53	19.32	......	19.32	89.88	......	89.88
New Liskeard	451	81	532	404	74	478	16.56	14.90	16.32	91.26	92.12	92.13
Parry Sound	645	....	645	556	....	556	16.44	......	16.44	90.99	......	90.99
Powassan	175	....	175	148	....	148	20.40	......	20.40	88.98	......	88.98
Rainy River	159	42	201	148	38	186	18.50	14.55	17.71	90.65	92.21	90.94
Sioux Lookout	315	137	452	312	119	431	18.87	15.15	17.74	90.17	91.72	90.63
Smooth Rock Falls	121	198	319	116	180	296	8.77	13.94	12.91	95.46	92.31	93.68
Sturgeon Falls	208	1,099	1,307	181	948	1,129	24.17	16.00	17.39	87.44	91.05	90.44
Thessalon	292	....	292	278	....	278	21.92	......	21.92	89.09	......	89.09
Timmins	2,090	2,313	4,403	2,099	2,195	4,294	9.70	9.88	9.79	94.87	94.81	94.83
Trout Creek	81	....	81	71	....	71	21.62	......	21.62	88.73	......	88.73
Webbwood	125	....	125	106	....	106	28.45	......	28.45	83.52	......	83.52
Totals and Averages	12,927	7,695	20,622	11,955	6,991	18,946	15.37	12.59	14.31	92.26	93.21	92.61
All Towns	59,406	23,336	82,742	54,538	21,552	76,090	14.60	12.50	14.00	92.42	93.34	92.67
Villages *(Counties)*												
Acton	284	....	284	264	....	264	12.88	......	12.88	92.72	......	92.72
Ailsa Craig	60	....	60	52	....	52	15.65	......	15.65	91.52	......	91.52
Alvinston	94	....	94	86	....	86	14.52	......	14.52	92.45	......	92.45
Arkona	78	....	78	71	....	71	12.96	......	12.96	93.14	......	93.14
Arthur	124	70	194	115	70	185	17.55	11.82	16.59	90.40	94.25	91.82
Athens	109	....	109	98	....	98	25.58	......	25.58	86.54	......	86.54
Ayr	93	....	93	85	....	85	8.86	......	8.86	95.22	......	95.22

THE PUBLIC AND SEPARATE SCHOOLS

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Villages	May Enrolment			Average Attendance for the Year			Days Lost per Year per Pupil of May Enrolment			Attendance Efficiency Percentage		
	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total
(Counties)												
Bancroft......	237	....	237	208	....	208	23.50	.....	23.50	87.78	.....	87.78
Barry's Bay...	28	250	278	23	237	260	29.17	10.13	12.05	84.67	94.51	93.50
Bath.........	54	....	54	41	....	41	16.07	.....	16.07	90.30	.....	90.30
Beamsville....	184	....	184	170	....	170	18.33	.....	18.33	90.68	.....	90.68
Beaverton....	148	....	148	128	....	128	17.25	.....	17.25	90.03	.....	90.03
Beeton.......	102	....	102	92	....	92	13.34	.....	13.34	92.93	.....	92.93
Belle River....	17	178	195	12	160	172	13.05	10.31	10.62	91.18	94.56	94.10
Bloomfield....	84	....	84	80	....	80	19.61	.....	19.61	89.99	.....	89.99
Blyth........	87	....	87	68	....	68	16.62	.....	16.62	90.09	.....	90.09
Bobcaygeon...	149	....	149	138	....	138	15.44	.....	15.44	91.78	.....	91.78
Bolton........	80	....	80	67	....	67	12.35	.....	12.35	92.91	.....	92.91
Bradford......	131	....	131	119	....	119	13.34	.....	13.34	92.95	.....	92.95
Braeside......	101	....	101	94	....	94	22.03	.....	22.03	89.15	.....	89.15
Brighton......	215	....	215	197	....	197	18.86	.....	18.86	90.38	.....	90.38
Brussels......	92	....	92	81	....	81	12.36	.....	12.36	93.18	.....	93.18
Caledonia.....	190	....	190	184	....	184	8.13	.....	8.13	95.69	.....	95.69
Cannington...	102	....	102	88	....	88	13.83	.....	13.83	92.58	.....	92.58
Cardinal......	274	....	274	247	....	247	10.88	.....	10.88	94.13	.....	94.13
Casselman....	....	264	264	....	266	266	.....	7.00	7.00	.....	96.00	96.00
Cayuga.......	109	....	109	101	....	131	12.47	.....	12.47	93.51	.....	93.51
Chatsworth...	47	....	47	42	....	42	10.79	.....	10.79	94.14	.....	94.14
Chesterville...	145	43	188	133	40	173	12.90	9.27	12.10	93.20	95.10	93.63
Chippawa.....	183	....	183	164	....	164	11.83	.....	11.83	92.54	.....	92.54
Clifford.......	74	....	74	68	....	68	9.07	.....	9.07	95.20	.....	95.20
Cobden.......	95	....	95	87	....	87	18.50	.....	18.50	90.60	.....	90.60
Colborne.....	167	....	167	148	....	148	17.17	.....	17.17	94.07	.....	94.07
Coldwater....	153	....	153	138	....	138	16.80	.....	16.80	91.23	.....	91.23
Courtright....	65	....	65	53	....	53	22.49	.....	22.49	87.60	.....	87.60
Creemore.....	83	....	83	64	....	64	18.45	.....	18.45	89.10	.....	89.10
Delhi.........	282	....	282	252	....	252	19.30	.....	19.30	89.94	.....	89.94
Deloro	59	....	59	52	....	52	16.25	.....	16.25	91.36	.....	91.35
Drayton......	73	....	73	68	....	68	13.57	.....	13.57	93.02	.....	93.02
Dundalk......	102	....	102	93	....	93	11.58	.....	11.58	93.81	.....	93.81
Dutton.......	122	....	122	112	....	112	14.96	.....	14.96	92.26	.....	92.26
Eganville.....	103	133	236	93	105	198	18.49	9.56	13.45	90.42	93.87	92.29
Elora.........	176	26	202	157	24	181	13.41	13.34	13.40	92.79	93.19	92.85
Embro.......	59	....	59	54	....	54	14.68	.....	14.68	92.35	.....	92.35
Erieau........	41	....	41	42	....	42	12.07	.....	12.07	94.35	.....	94.35
Erin.........	72	....	72	64	....	64	24.70	.....	24.70	87.50	.....	87.50
Exeter........	218	....	218	199	....	199	12.25	.....	12.25	93.39	.....	93.39
Fenelon Falls..	135	....	135	122	....	122	12.95	.....	12.95	88.71	.....	88.71
Fergus........	400	21	421	382	17	399	9.13	15.05	9.42	95.28	91.43	95.08
Finch........	94	....	94	73	....	73	15.00	.....	15.00	90.45	.....	90.45
Flesherton....	74	....	74	65	....	65	10.20	.....	10.20	94.21	.....	94.21
Fonthill......	163	....	163	147	....	147	18.39	.....	18.39	90.47	.....	90.47
Forest Hill....	1,153	60	1,213	995	51	1,046	17.55	22.53	17.74	91.54	88.38	90.28
Frankford.....	161	....	161	146	....	146	12.96	.....	12.96	93.11	.....	93.11
Glencoe......	155	....	155	129	....	129	15.91	.....	15.91	91.17	.....	91.17
Grand Valley..	87	....	87	79	....	79	6.35	.....	6.35	96.55	.....	96.55
Hagersville....	238	....	238	223	....	223	8.12	.....	8.12	95.71	.....	95.71
Hastings......	109	64	173	101	57	158	18.26	21.86	19.59	90.51	88.00	89.82
Havelock.....	195	....	195	177	....	177	18.69	.....	18.69	90.36	.....	90.36
Hensall.......	86	....	86	78	....	78	15.19	.....	15.19	91.99	.....	91.99
Hepworth.....	67	....	67	61	....	61	20.75	.....	20.75	89.51	.....	89.51
Humberstone..	523	....	523	478	....	478	16.46	.....	16.46	91.45	.....	91.45
Iroquois......	118	....	118	106	....	106	12.25	.....	12.25	93.41	.....	93.41
Jarvis........	89	....	89	58	....	58	7.34	.....	7.34	95.87	.....	95.87
Kemptville ...	195	....	195	160	....	160	13.47	.....	13.47	92.17	.....	92.17
Killaloe.......	49	106	155	47	95	142	16.93	11.08	13.44	91.77	93.43	92.86
Lakefield.....	269	....	269	169	....	169	16.70	.....	16.70	91.30	.....	91.30
Lanark.......	112	....	112	99	....	99	14.59	.....	14.59	92.13	.....	92.13
Lancaster.....	53	129	182	42	110	152	4.92	18.46	18.22	89.50	89.84	89.75
Lion's Head...	85	....	85	77	....	77	18.89	.....	18.89	90.31	.....	90.31
Long Branch..	843	....	843	760	....	760	17.40	.....	17.40	90.96	.....	90.96
L'Orignal.....	194	....	194	169	....	169	12.22	.....	12.22	93.12	.....	93.12
Lucan........	104	....	104	93	....	93	15.52	.....	15.52	92.36	.....	92.36
Lucknow.....	134	....	134	127	....	127	10.48	.....	10.48	94.54	.....	94.54
Madoc.......	219	....	219	207	....	207	12.65	.....	12.65	93.52	.....	93.52
Markdale.....	112	....	112	103	....	103	12.85	.....	12.85	93.16	.....	93.16
Markham.....	131	....	131	116	....	116	8.70	.....	8.70	95.17	.....	95.17
Marmora.....	190	44	234	168	44	212	13.85	11.70	13.45	92.52	94.00	92.85
Maxville......	125	....	125	103	....	103	13.97	.....	13.97	88.04	.....	88.04
Merrickville...	127	....	127	115	....	115	15.24	.....	15.24	91.97	.....	91.97
Mildmay.....	66	105	171	55	106	161	9.61	5.53	7.10	94.37	97.18	96.14
Millbrook.....	111	....	111	99	....	99	18.16	.....	18.16	90.02	.....	90.02
Milverton.....	132	....	132	122	....	122	13.20	.....	13.20	92.80	.....	92.80
Morrisburg....	231	....	231	212	....	212	10.59	.....	10.59	94.21	.....	94.21
Neustadt.....	94	....	94	94	....	94	10.80	.....	10.80	94.73	.....	94.73
Newboro......	72	....	72	61	....	61	16.60	.....	16.60	90.79	.....	90.79
Newburgh....	62	....	62	61	....	61	25.53	.....	25.53	88.30	.....	88.30
Newbury.....	75	....	75	64	....	64	14.31	.....	14.31	92.16	.....	92.16

THE PUBLIC AND SEPARATE SCHOOLS

TABLE 1—ENROLMENT AND ATTENDANCE, 1936-37

Villages	May Enrolment			Average Attendance for the Year			Days Lost per Year per Pupil of May Enrolment			Attendance Efficiency Percentage		
	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total
(*Counties*)												
Newcastle....	77	....	77	72	....	72	22.31	......	22.31	89.11	......	89.11
New Hamburg.	209	....	209	203	....	203	7.26	......	7.26	96.26	......	96.26
Norwich......	177	....	177	163	....	163	14.76	......	14.76	92.33	......	92.33
Norwood.....	141	....	141	127	....	127	9.72	......	9.72	94.70	......	94.70
Oil Springs....	64	....	64	58	....	58	17.51	......	17.51	90.91	......	90.91
Omemee......	97	....	97	89	....	89	11.43	......	11.43	93.95	......	93.95
Paisley.......	117	....	117	102	....	102	17.82	......	17.82	90.45	......	90.45
Point Edward.	188	....	188	178	....	178	17.01	......	17.01	91.56	......	91.56
Port Credit...	306	....	306	277	....	277	15.67	......	15.67	91.82	......	91.82
Port Dalhousie	193	73	266	185	66	251	15.54	10.83	14.25	92.19	94.38	92.69
Port Dover...	284	....	284	245	....	245	16.61	......	16.61	90.75	......	90.75
Port Elgin....	171	....	171	159	....	159	14.46	......	14.46	92.23	......	92.23
Port McNicol.	225	....	225	213	....	213	11.50	......	11.50	94.06	......	94.06
Port Perry....	158	....	158	155	....	155	5.94	......	5.94	96.98	......	96.98
Port Rowan...	86	....	86	80	....	80	20.36	......	20.36	89.82	......	89.82
Port Stanley..	107	....	107	100	....	100	23.47	......	23.47	88.43	......	88.43
Portsmouth...	104	48	152	87	44	131	20.53	11.31	17.62	88.67	93.91	90.35
Richmond....	74	....	74	66	....	66	15.00	......	15.00	92.07	......	92.07
Richmond Hill	266	....	266	245	....	245	16.11	......	16.11	91.71	......	91.71
Ripley........	40	....	40	35	....	35	21.33	......	21.33	88.99	......	88.99
Rockcliffe.....	126	....	126	99	....	99	25.57	......	25.57	85.43	......	85.43
Rodney.......	116	....	116	100	....	100	13.78	......	13.78	92.41	......	92.41
St.Clair Beach	47	....	47	36	....	36	21.12	......	21.12	87.69	......	87.69
Shallow Lake..	75	....	75	64	....	64	12.05	......	12.05	93.31	......	93.31
Shelburne.....	128	....	128	113	....	113	21.76	......	21.76	88.68	......	88.68
Springfield....	82	....	82	73	....	73	10.03	......	10.03	94.52	......	94.52
Stirling.......	153	....	153	140	....	140	17.15	......	17.15	91.17	......	91.17
Stoney Creek..	242	....	242	209	....	209	13.60	......	13.60	92.48	......	92.48
Stouffville.....	172	....	172	156	....	156	11.40	......	11.40	93.11	......	93.11
Streetsville....	144	....	144	134	....	134	10.96	......	10.96	93.72	......	93.72
Sutton........	226	....	226	192	....	192	20.61	......	20.61	88.91	......	88.91
Swansea......	646	35	681	595	30	625	16.05	15.00	16.04	91.76	91.29	91.74
Tara.........	61	....	61	53	....	53	7.02	......	7.02	96.02	......	96.02
Tavistock.....	132	....	132	124	....	124	9.33	......	9.33	95.11	......	95.11
Teeswater.....	85	37	122	79	30	109	10.35	13.00	11.36	94.56	92.08	93.85
Thamesville...	149	....	149	129	....	129	10.78	......	10.78	93.77	......	93.77
Thedford.....	94	....	94	81	....	81	14.76	......	14.76	91.96	......	91.96
Tiverton......	41	....	41	38	....	38	7.41	......	7.41	96.08	......	96.08
Tottenham....	82	....	82	73	....	73	14.45	......	14.45	92.25	......	92.25
Tweed........	185	104	289	171	102	273	17.34	12.09	16.39	89.18	92.73	90.01
Victoria Harbour....	221	....	221	209	....	209	17.88	......	17.88	90.93	......	90.93
Vienna.......	62	....	62	43	....	43	24.23	......	24.23	84.96	......	84.96
Wardsville....	49	....	49	37	....	37	42.29	......	42.29	78.05	......	78.05
Waterdown...	142	....	142	130	....	130	9.69	......	9.69	94.82	......	94.82
Waterford....	187	....	187	180	....	180	17.01	......	17.01	91.62	......	91.62
Watford......	139	....	139	126	....	126	15.48	......	15.48	91.90	......	91.90
Wellington....	242	....	242	211	....	211	16.90	......	16.90	94.70	......	94.70
West Lorne...	158	....	158	139	....	139	11.72	......	11.72	93.57	......	93.57
Westport.....	68	87	155	67	77	144	14.55	12.54	13.41	92.94	92.99	92.97
Wheatley.....	141	....	141	123	....	123	12.96	......	12.96	92.90	......	92.90
Winchester....	181	....	181	175	....	175	11.60	......	11.60	94.15	......	94.15
Woodbridge...	177	....	177	146	....	146	13.04	......	13.04	92.48	......	92.48
Woodville.....	50	....	50	46	....	46	18.66	......	18.66	90.52	......	90.52
Wyoming.....	65	....	65	62	....	62	16.48	......	16.48	91.86	......	91.86
Totals and Averages....	21,129	1,773	22,902	18,927	1,731	20,658	15.22	5.49	14.17	91.67	93.71	91.84
(*Districts*)												
Burk's Falls...	167	....	167	159	....	159	12.43	......	12.43	93.70	......	93.70
Hilton Beach..	55	....	55	52	....	52	11.11	......	11.11	94.31	......	94.31
Port Carling...	86	....	86	77	....	77	18.00	......	18.00	90.54	......	90.54
Port Sydney..	27	....	27	24	....	24	12.63	......	12.63	93.23	......	93.23
Rosseau......	41	....	41	35	....	35	26.92	......	26.92	85.42	......	85.42
South River...	175	....	175	161	....	161	14.22	......	14.22	92.61	......	92.61
Sundridge.....	143	....	143	129	....	129	20.28	......	20.28	89.54	......	89.54
Thornloe.....	17	30	47	16	23	39	15.32	13.07	13.82	91.83	92.16	91.97
Windermere...	19	....	19	15	....	15	26.39	......	26.39	85.95	......	85.95
Totals and Averages....	730	30	760	668	23	691	16.21	13.07	16.08	91.62	92.06	91.97
All Villages..	21,859	1,803	23,662	19,595	1,754	21,349	15.25	5.62	14.52	91.66	93.68	91.83
All Urban...	270,444	77,935	348,005	246,838	71,909	318,392	14.92	12.21	14.32	92.24	93.40	92.49
Grand Totals	455,365	101,010	556,375	407,756	92,773	499,729	16.98	13.42	16.34	90.52	92.73	90.91
Increases for Year.....	....	....	....	3,246	1,228	3,674	1.97	......	1.77	.68	.49	.64
Decreases for Year..	5,420	142	5,562	....	....	....	......	.89	......	......	......	......

THE PUBLIC AND SEPARATE SCHOOLS

TABLE 2—PERCENTAGE SUMMARY OF ATTENDANCE EFFICIENCY BY VARIOUS PERIODS OF THE SCHOOL YEAR, 1936-37

	Public Schools					Separate Schools					Public and Separate Schools				
	Under 50 Days	50-99 Days	100-149 Days	150-199 Days (but not full teaching year)	Full Teaching Year	Under 50 Days	50-99 Days	100-149 Days	150-199 Days (but not full teaching year)	Full Teaching Year	Under 50 Days	50-99 Days	100-149 Days	150-199 Days (but not full teaching year)	Full Teaching Year
Rural Schools	8.97	9.03	12.21	65.97	3.82	6.79	7.86	13.02	64.78	7.55	8.73	8.90	12.30	65.83	4.24
Urban "	5.39	5.10	8.69	76.82	4.00	4.09	4.67	8.84	73.62	8.78	5.10	5.01	8.72	76.12	5.05
City "	5.39	5.00	8.63	77.22	3.76	4.33	4.62	8.37	74.15	8.53	5.16	4.92	8.58	76.56	4.78
Town "	5.21	4.95	8.92	75.90	5.02	3.63	4.79	10.18	73.06	8.34	4.78	4.91	9.26	75.13	5.92
Village "	5.85	6.38	8.51	75.96	3.30	3.08	4.50	6.17	67.13	19.12	5.60	6.21	8.30	75.17	4.72
All "	6.87	6.73	10.14	72.32	3.94	4.73	5.44	9.84	71.51	8.48	6.49	6.50	10.09	72.18	4.74

TABLE 3—ADMISSIONS, TRANSFERS, RETIREMENTS, EXEMPTIONS DURING THE SCHOOL YEAR, 1936-37

	Public Schools			Separate Schools			Both
	Rural	Urban	Total	Rural	Urban	Total	
Admissions: Beginners	22,383	33,198	55,581	3,003	9,539	12,542	68,123
From outside the Province	1,205	2,469	3,674	194	624	818	4,492
Totals	23,588	35.657	59,255	3,197	10,163	13,360	72,615
Transfers (a) to another section or municipality	18,364	14,554	32,918	1,461	3,072	4,533	37,451
(b) to Special Industrial, Craft School, or Auxiliary Class	201	1,164	1,365	25	195	220	1,585
(c) Beyond the Province	728	1,970	2,698	188	390	578	3,276
Totals	19,293	17,688	36,981	1,674	3,657	5.331	42,312
Retirements (a) On reaching 14th birthday, from:							
Form I	98	108	206	21	3	24	230
Form II	124	13	137	75	16	91	228
Form III	623	78	701	230	40	270	971
Form IV	1,624	110	1,734	289	82	371	2,105
Form V	400	11	411	18	15	33	444
(b) Between 14th and 16th birthday, from:							
Form I	26	26	52	4	13	17	69
Form II	84	57	141	24	70	94	235
Form III	509	639	1,148	121	320	441	1,589
Form IV	1,798	1,561	3,359	223	653	876	4,235
Form V	634	171	805	76	231	307	1,112
(c) By death	143	212	355	101	66	167	522
(d) By disability	592	669	1,261	115	325	440	1,701
Totals	6,655	3,655	10,310	1,297	1,834	3,131	13 441
Exemptions: Pupils who attended no school during the year owing to:							
Private Tuition	51	30	81	6	5	11	92
Taking Departmental Correspondence Course	332	16	348	11	3	14	362
Mental Disability	246	114	360	21	36	57	417
Physical Disability:							
(a) Blind	20	11	31	8	4	12	43
(b) Deaf	25	4	29	14	2	16	45
(c) Crippled	165	68	233	14	44	58	291
Distance from School	234	20	254	56	3	59	313
Other Reasons	301	28	329	81	55	136	465
Totals	1,374	291	1,665	211	152	363	2,028

THE PUBLIC AND SEPARATE SCHOOLS

TABLE 4—CLASSIFICATION OF RURAL SCHOOLS BY TEACHERS AND ATTENDANCE, SCHOOL YEAR 1936-37

Average Daily Attendance	PUBLIC														SEPARATE							Grand Total
	Counties							Districts														
Teachers	1	2	3	4	5	6 or more	Total	1	2	3	4	5	6 or more	Total	1	2	3	4	5	6 or more	Total	
1	1						1	1						1								2
2	8						8								3						3	11
3	14						14	4						4								18
4	28						28	5						5	1						1	34
5	60						60	18						18	3						3	81
6–10	602	2					604	157						157	25						25	786
11–15	981	1					982	180						180	54						54	1,216
16–20	1001	1					1,002	174						174	72	2					74	1,250
21–25	654	7					661	110						110	72						72	843
26–30	442	15					457	84	4					88	47						47	592
31–35	236	38	1				275	42	6	1				49	36	1					37	361
36–40	101	51		1			153	21	3					24	24	4					28	205
41–45	38	40					78	3	7					10	12	7					19	107
46–50	14	54					68	5	10		1			16	6	7	1				14	98
51–55	4	56	2				62	4	10	2				16		9					9	87
56–60		35	1				36		5	1				6		7	2				9	51
61–65		40	3				43		2	1				3		10	1	2			13	59
66–70		17	3				20		3	2				5		7	2				9	34
71–75	1	13	2				16		9	1				10		3	6		1	1	11	37
76–80		9	12				21		1	1	1			3		3	3				6	30
81–85		7	6				13										4	3			7	20
86–90			7				7		1					1			6	1			7	15
91–95			6	2			8				2			2			2	1			3	13
96–100		2	7	1			10			2				2				2			2	14
101–105			7	3			10											1			1	11
106–110			2	2			4			1	3			4		1		1			2	10
111–115			3	4			7					2		2				2			2	11
116–120			1				1											3	1		4	5
121–125			3	2			5			1		1		2			1	2			3	10
126–130		1		1			2															2
131–135			1	3			4											1			1	5
136–140			1	3			4				1			1								5
141–145			1				1				1			1					1		1	3
146–150											1			1								1
Over 150			1	8	13	50	72					1	12	13				5	6	11	22	107
Totals..	4,185	389	70	30	13	50	4,737	808	61	13	10	4	12	908	355	61	28	24	9	12	489	6,134

THE PUBLIC AND

TABLE 5—FIFTH

(A) Public Schools of the County Inspectorates	No. of Schools Conducting Fifth Class Work	Fifth Class Enrolment in These Schools	Number of Qualifying Fifth Classes	Enrolment in Qualifying Fifth Classes	Average Per Class		Grading			Legislative Grant to Qualifying Classes
					Enrolment	Daily Attendance	A	B	C	
Brant and Norfolk (in part)	8	27	2	20	10	8.5	...	1	1	$262.40
Bruce East, Grey (in part), and Huron (in part)	18	37	8	25	3.2	2.8	...	2	6	466.57
Bruce West	31	63	6	23	3.8	3.08	...	...	6	389.61
Carleton East	9	29	2	14	7	6.35	...	...	2	253.48
Carleton West and Lanark East	.....	.....	.....	.....	.....	.....	...	...	...	.....
Dufferin (in part) and Peel (in part)	18	76	8	57	7.1	5.8	2	1	5	565.64
Dundas and Grenville (in part)	7	18	2	10	5	4.5	...	1	1	138.84
Elgin East and City of St. Thomas	8	23	1	11	11	6.3	1	...	...	170.91
Essex North, (No. 1)	11	127	6	120	20	16.6	2	4	...	738.60
Essex South, (No. 2) and Kent (in part)	2	3	.....	.....	.....	.....	...	...	...	.....
Frontenac North and Addington (in part)	26	80	4	33	8.2	6.6	...	4	...	323.67
Frontenac South, (No. 1) and Lennox (in part)	22	52	2	22	11	9.5	1	1	...	244.51
Frontenac South, (No. 2) and City of Kingston	15	32	3	24	8	6.5	1	...	2	294.40
Glengarry (in part) and Prescott (in part)	12	31	6	26	4.5	3.7	...	3	3	347.68
Grey East	36	65	15	42	2.8	2.4	...	2	13	773.59
Grey North and Bruce North	16	28	1	8	8	7.3	...	1	...	122.90
Grey South	20	53	9	44	4.9	4.3	...	2	7	536.11
Haldimand (in part) and Wentworth (in part)	14	45	8	32	4	3.5	...	4	4	604.22
Halton	9	20	3	12	4	3	1		2	285.24
Hastings Centre	23	42	6	25	4.1	3.1	...	5	1	552.60
Hastings North, Renfrew (in part) and City of Oshawa	14	28	1	7	7	6.5	...	1	...	86.64
Hastings South	8	15	1	6	6	4.8	1	...	...	165.68
Huron East	20	57	8	46	5.7	4.7	2	1	5	465.80
Huron West	41	116	11	79	7.1	6.1	5	4	2	1,176.98
Kent South, (No. 1)	18	40	3	21	7	4.5	...	2	1	246.18
Kent East, (No. 2) and Elgin (in part)	23	60	7	33	4.7	3.7	2	3	2	626.69
Lambton West, (No. 1)	19	50	3	25	8.3	5.5	1	2	...	332.03
Lambton East, (No. 2)	19	33	3	35	11.6	8.7	2	...	1	362.95
Lanark West	18	32	4	10	2.5	2	...	2	2	198.72
Leeds and Grenville, No. 1	14	45	2	26	13	9.9	2	...	...	383.89
Leeds and Grenville, No. 2	13	27	1	12	12	9.2	1	...	...	164.55
Leeds and Grenville, No. 3 and Lanark (in part)	15	23	1	2	2	1.8	...	...	1	69.90
Lennox and Hastings South (in part)	21	37	3	13	4.3	3.7	...	1	2	227.48
Lincoln (in part)	5	81	5	81	16.2	13.3	3	1	1	584.53
Middlesex East and Elgin (in part)	14	44	5	34	6.8	5.7	2	3	...	541.70
Middlesex West	6	11	1	5	5	4.4	1	...	...	107.42
Norfolk (in part)	15	31	4	21	5.2	3.9	...	4	...	324.84
Northumberland and Durham, No. 1	16	75	9	64	7.1	5.6	3	1	5	886.50

SEPARATE SCHOOLS

CLASSES (GRADES IX AND X), 1936-37

(A) Public Schools of the County Inspectorates	No. of Schools Conducting Fifth Class Work	Fifth Class Enrolment in These Schools	Number of Qualifying Fifth Classes	Enrolment in Qualifying Fifth Classes	Average Per Class		Grading			Legislative Grant to Qualifying Classes
					Enrolment	Daily Attendance	A	B	C	
Northumberland and Durham, No. 2	27	63	13	49	3.7	3.2	1	1	11	596.75
Northumberland and Durham, No. 3 and Hastings (in part)	8	15	1	5	5	3.9	...	...	1	67.40
Ontario North and York (in part)	18	56	8	42	5.2	4	1	6	1	865.69
Ontario South	4	11	1	6	6	4.8	...	1	...	92.43
Oxford North and City of Woodstock	5	27	4	26	6.5	5.5	...	4	...	415.44
Oxford South and Norfolk (in part)	5	25	4	23	5.7	4.7	2	1	1	432.02
Peel (in part) and York (in part)	......	......	......	......	......	......	...	...	...	....
Perth North and Wellington (in part)	26	61	5	25	5	4.2	...	5	...	464.05
Perth South	12	18	3	8	2.7	2.2	...	...	3	183.23
Peterborough East	32	73	8	34	4.2	3.9	1	4	3	627.42
Peterborough West and Victoria East	26	43	4	22	5.4	4.9	...	3	1	299.65
Prescott and Russell, No. 1 and Carleton (in part)	15	66	5	45	9	6.7	4	1	...	632.70
Prescott and Russel, No. 2	......	......	......	......	......	......	...	...	...	....
Prescott and Russell, No. 3	1	14	1	14	14	13.3	1	...	...	172.66
Prescott and Russell, No. 4	......	......	......	......	......	......	...	...	...	....
Prince Edward	22	57	4	19	4.9	3.8	1	...	3	330.22
Renfrew North	27	71	14	73	5.6	5.3	1	2	11	959.97
Renfrew South	27	59	2	13	6.5	4.1	1	...	1	124.82
Simcoe Centre	15	55	10	51	5.1	4.2	4	1	5	733.81
Simcoe East and Muskoka (in part)	15	102	6	88	14.7	12	2	4	...	770.17
Simcoe North	......	......	......	......	......	......	...	...	...	....
Simcoe South, York (in part) and Peel (in part)	16	39	10	34	3.4	2.71	1	1	8	672.00
Simcoe West, Grey (in part) and Dufferin (in part)	30	58	14	43	3	2.6	...	1	13	858.84
Stormont	11	34	2	24	12	9	2	...	...	188.31
Victoria West	23	81	4	38	9.5	8.1	4	...	...	659.46
Waterloo, No. 1	20	128	9	46	5.1	4.4	1	5	3	736.92
Waterloo, No. 2	4	75	2	73	36.5	31.47	2	...	...	340.79
Welland East	......	......	......	......	......	......	...	...	...	....
Welland South	1	22	1	22	22	17.6	1	...	...	178.58
Welland (in part), Lincoln (in part) and Haldimand (in part)	8	20	5	15	3	2.3	...	2	3	275.63
Wellington North	23	54	6	25	4.1	3.4	...	2	4	317.03
Wellington South and City of Guelph	17	49	7	42	6	4.7	...	3	4	484.50
Wentworth	11	46	4	31	8	6.9	...	4	...	390.40
York, No. 1	7	19	3	15	5	4.2	1	1	1	332.03
York, No. 2	......	......	......	......	......	......	...	...	...	....
York, No. 3	......	......	......	......	......	......	...	...	...	....
York, No. 4	......	......	......	......	......	......	...	...	...	....
York, No. 5	......	......	......	......	......	......	...	...	...	....
York, No. 6	1	163	4	163	41	39	4	...	...	215.00
Totals, (A)	1,061	3,263	328	2,182	6.7	5.5	68	108	152	$27,440.97

TABLE 5—FIFTH CLASSES (GRADES IX AND X) 1936-37

(B) Public Schools of the District Inspectorates	No. of Schools Conducting Fifth Class Work	Fifth Class Enrolment in These Schools	Number of Qualifying Fifth Classes	Enrolment in Qualifying Fifth Classes	Average Per Class		Grading			Legislative Grant to Qualifying Classes
					Enrolment	Daily Attendance	A	B	C	
Division I	26	65	8	43	5.3	4.8	1	4	3	$1,708.00
do II	42	160	12	73	6	4.8	3	4	5	2,551.30
do III	16	29	5	14	2.8	2.5	...	...	5	570.40
do IV	16	165	6	42	7	5.2	2	1	3	1,215.44
do V	22	55	4	22	5.4	4.2	...	2	2	603.80
do VI	25	111	17	100	5.9	5.1	6	2	9	3,941.12
do VII, Part I	22	61	8	33	4.2	3.2	1	1	6	1,573.32
do VII, Part II	2	4	1	3	3	2.5	...	1	...	138.14
do VIII	34	87	9	51	5.6	5	...	2	7	1,319.78
do IX do X	41	137	18	99	5.5	4.3	3	4	11	3,225.82
do XI	22	69	13	59	4.5	3.5	2	3	8	2,202.12
do XII, Part I	22	77	3	18	6	5.2	1	2	...	673.94
do XII, Part II	......	......	......	......	......	......	...	...	...	......
do XII, Part III	......	......	......	......	......	......	...	...	...	......
do XIII	44	137	6	66	11	8.5	1	5	...	1,551.66
do XIV	35	108	6	58	9.6	8.2	2	4	...	1,649.04
do XV	38	94	16	64	4	3.3	...	1	15	2,734.80
do XVI	33	68	12	60	5	4	2	3	7	1,468.12
Totals, (B)	440	1,427	144	805	5.6	4.5	24	39	81	$27,126.80
(C) Public Schools of the City Inspectorates										
Kitchener	2	292	......	......	......	......	...	...	...	......
Toronto	11	1,796	......	......	......	......	...	...	...	......
Windsor	1	275	......	......	......	......	...	...	...	......
Totals, (C)	14	2,363	......	......	......	......	...	...	...	......
(D) R.C. Separate School Inspectorates										
Division I	7	79	3	14	4.6	4.6	1	2	...	626.56
do II	11	92	5	58	11.6	10.9	3	1	1	1,187.72
do III	11	35	3	27	9	7.2	1	2	...	690.02
do IV	9	88	9	88	9.8	7.5	4	3	2	1,628.60
do V	9	37	5	27	5.4	4.7	4	1	...	1,141.20
do VI	8	199	3	41	13.9	11.8	2	1	...	454.86
do VII	8	376	6	121	20.1	17.7	6	...	...	757.14
do VIII	8	61	7	79	11.3	9	6	1	...	909.33
do IX	17	370	10	120	12	9.6	6	4	...	1,421.70
do X	12	215	4	45	11.2	9.9	4	...	...	660.65
do XI	5	437	1	34	34	29.37	1	...	...	815.00
do XII	13	215	6	37	6.1	5.2	1	3	2	569.63
do XIII	4	510	1	18	18	12.3	1	...	...	91.60
do XIV	6	27	2	26	13	10.9	2	...	...	162.00
do XV	20	290	10	144	14.4	11.9	6	1	3	1,338.65
do XVI	21	246	16	117	7.3	6.4	5	3	8	1,705.43
do XVII	6	480	......	......	......	......	...	...	...	......
do XVIII	6	571	......	......	......	......	...	...	...	......
do XIX	6	98	6	98	16.3	14.7	6	...	...	845.30
do XX	7	84	6	67	11.1	10.4	5	1	...	751.88
do XXI	6	58	5	40	8	7	5	.	...	671.66
Totals, (D)	200	4,568	108	1,201	11.1	9.4	69	23	16	$15,798.93
Grand Totals	1,715	11,621	580	4,188	7.0	6.0	161	170	249	$70,366.70
Increases for the year	43	44	15	......	......	......	7	6	2	$10,455.66
Decreases for the year	......	......	......	78	.5	.6	...	...	...	......

Legislative grants for equipment only, to schools whose Fifth Classes have qualified in past years, but not this year, $1,628.73.

SEPARATE SCHOOLS

LOWER SCHOOL STATISTICS, FIFTH CLASSES, 1937

Subjects	Number of Candidates	Candidates Recommended		Candidates Writing			Aegrotat	Total Number Successful	Per cent.	
		Total Number	Per cent. Recommended	Total Number	Number Passing	Per cent. Passing			1937	1936
English Grammar...	4,126	2,373	57.58	1,744	1,153	66.11	9	3,535	85.67	85.03
British History.....	5,032	2,817	55.98	2,201	891	40.48	14	3,722	73.97	84.25
Geography.........	4,703	2,766	58.81	1,923	982	51.07	14	3,962	84.24	85.01
Physiography......	3,133	1,856	59.24	1,270	502	39.53	7	2,365	75.49	80.86
Arithmetic.........	3.381	1,663	49.19	1,710	1,016	59.42	8	2,687	79.47	71.63
Art..............	4,160	2,563	61.61	1,583	964	60.90	14	3,541	85.12	85.48
Botany...........	2,513	1,378	54.83	1,131	819	72.41	4	2,201	87.58	89.55
Zoology..........	1,734	994	57.32	735	610	82.99	5	1,609	92.80	90.68
Agriculture I.......	1,723	965	56.01	753	266	35.33	5	1,236	71.74	78.33
Agriculture II......	547	312	48.22	231	162	70.13	4	478	87.39	84.00
French Grammar...	649	415	63.94	234	171	73.08	..	586	90.29	93.54
Totals........	31,701	18,102	....	13,515	7,736	....	84	25,882	......	......

Total Number of Candidates.. 8,717

GROWTH OF FIFTH CLASSES IN RECENT YEARS

Year	Number of Schools Conducting Fifth Class Work	Fifth Class Enrolment in These Schools	Number of Fifth Classes Qualifying for Legislative Grant	Enrolment in Qualifying Fifth Classes	Grading			Distribution of Qualifying Classes with Average Enrolment per Class						Legislative Grant
					A	B	C	Public				Separate		
								Counties		Districts		No.	Aver. Enrol.	
								No.	Aver. Enrol.	No.	Aver. Enrol.			
1921-22..	431	....	125	1,338	54	54	17	85	9.9	23	11.3	17	24.1	$16,040
1924-25..	468	....	193	1,878	93	69	31	108	7.8	46	8.7	39	16.0	28.396
1927-28..	760	....	254	2,231	92	98	64	128	6.9	78	6.3	48	17.7	35,739
1930-31..	1,316	6,618	418	2,790	111	115	192	210	5.3	139	4.9	69	14.5	55,562
1933-34..	1,553	7,323	587	4,746	149	154	284	331	7.1	149	5.4	107	14.7	62,211
1934-35..	1,716	10,732	541	4,332	149	155	237	306	6.4	124	5.5	106	12.6	56,643
1935-36..	1,672	11,577	565	4,266	154	164	247	311	6.6	137	5.3	117	12.6	61,966
1936-37..	1,715	11,621	580	4,188	161	170	249	328	6.7	144	5.6	108	11.1	71,995

THE PUBLIC AND SEPARATE SCHOOLS

TABLE 6—DISTRIBUTION OF TEACHERS AND CERTIFICATES, 1936-37

(a) Rural

	TEACHERS						CERTIFICATES										UNIV. GRADS	
	Public			Separate			First Class		Second Class		Third Class		District		Per. Un-grd.	Temporary	P.	S.
	Tot.	M.	F.	Tot.	M.	F.	P.	S.	P.	S.	P.	S.	P.	S.	S.	S.		
Counties																		
Addington	33	7	26	1	....	1	17	1	16	....	....	....	....	....	....	....	....	....
Brant	79	12	67	....	....	....	40	....	38	....	....	....	....	....	....	....	....	....
Bruce	170	38	132	15	1	14	100	3	70	12	....	....	....	....	....	....	1	....
Carleton	162	34	128	43	3	40	68	5	94	30	....	7	....	....	....	1	....	1
Dufferin	92	15	77	....	....	....	52	....	40	....	....	....	....	....	....	....	....	....
Dundas	81	30	51	2	....	2	33	....	48	1	....	1	....	....	....	....	2	....
Durham	100	31	69	....	....	....	56	....	44	....	....	....	....	....	....	....	1	....
Elgin	125	27	98	....	....	....	77	....	48	....	....	....	....	....	....	....	....	....
Essex	148	20	128	53	1	52	68	13	79	39	1	1	....	....	....	....	....	....
Frontenac	152	32	120	10	2	8	64	4	86	6	....	....	2	....	....	....	1	....
Glengarry	78	17	61	28	3	25	28	12	50	11	....	4	....	....	1	....	1	3
Grenville	74	19	55	....	....	....	29	....	45	....	....	....	....	....	....	....	1	....
Grey	225	58	167	8	1	7	117	4	98	4	....	....	....	....	....	....	....	....
Haldimand	83	15	68	....	....	....	60	....	23	....	....	....	....	....	....	....	1	....
Haliburton	62	21	41	....	....	....	25	....	37	....	....	....	....	....	....	....	1	....
Halton	70	5	65	....	....	....	36	....	34	....	....	....	....	....	....	....	2	....
Hastings	198	39	159	7	....	7	117	1	80	6	1	....	....	....	....	....	2	....
Huron	202	44	158	10	....	10	130	5	72	5	....	....	....	....	....	....	....	....
Kent	156	18	138	16	4	12	81	6	75	10	....	....	....	....	....	....	3	1
Lambton	180	34	146	2	....	2	99	1	81	1	....	....	....	....	....	....	....	....
Lanark	123	17	106	3	1	2	53	....	68	3	2	....	....	....	....	....	1	....
Leeds	149	16	133	2	....	2	52	....	97	2	....	....	....	....	....	....	1	....
Lennox	89	11	78	....	....	....	40	1	47	1	....	....	....	....	....	....	1	....
Lincoln	97	22	75	....	....	....	54	....	43	....	....	....	....	....	....	....	1	....
Middlesex	207	41	166	5	....	5	116	3	91	2	....	....	....	....	....	....	....	....
Norfolk	111	34	77	3	....	3	60	1	50	2	1	....	....	....	....	....	....	....
Northumberland	115	29	86	5	....	5	80	2	52	3	....	....	....	....	....	....	1	....
Ontario	147	37	110	2	1	1	75	1	72	1	....	....	....	....	....	....	....	....
Oxford	130	31	99	....	....	....	80	....	50	....	....	....	....	....	....	....	....	....
Peel	104	28	76	1	....	1	52	1	52	....	....	....	....	....	....	....	....	....
Perth	119	19	100	16	....	16	78	10	41	6	....	....	....	....	....	....	....	....
Peterborough	113	28	85	5	....	5	73	2	39	3	1	....	....	....	....	....	....	....
Prescott	56	3	53	84	14	70	22	9	26	37	7	35	....	....	....	4	....	....
Prince Edward	74	23	51	....	....	....	35	....	39	....	....	....	....	....	....	....	....	....
Renfrew	173	32	141	28	3	25	73	12	99	16	1	....	....	....	....	1	....	....
Russell	34	9	25	75	12	63	18	4	16	37	....	33	....	....	....	1	1	1
Simcoe	246	44	202	9	1	8	116	....	128	8	2	1	....	....	....	....	2	....
Stormont	90	11	79	17	1	16	41	5	49	11	....	1	....	....	....	....	1	....
Victoria	113	27	86	3	2	1	62	2	51	1	....	....	....	....	....	....	....	....
Waterloo	109	33	76	13	....	13	72	4	37	8	....	....	....	....	1	....	....	....
Welland	163	41	122	....	....	....	91	....	62	....	....	....	....	....	....	....	....	....
Wellington	155	28	127	7	....	7	96	3	59	3	....	....	....	....	1	....	2	1
Wentworth	109	18	91	3	....	3	55	1	54	2	....	....	....	....	....	....	5	2
York	838	219	619	52	2	50	354	6	455	45	....	....	....	....	....	1	9	....
Totals	6,134	1,317	4,817	528	52	476	3,145	122	2,935	316	16	83	2	...	3	8	41	9
Districts																		
Algoma	102	34	68	3	....	3	63	2	39	1	....	....	....	....	....	....	1	1
Cochrane	113	42	71	88	26	62	61	6	49	43	2	34	...	1	....	4	1	....
Kenora	41	18	23	1	1	....	25	1	16	....	....	....	....	....	....	....	....	....
Manitoulin	50	18	32	....	....	....	12	....	38	....	....	....	....	....	....	....	....	....
Muskoka	106	38	68	2	1	1	58	2	48	....	....	....	....	....	....	....	....	....
Nipissing	78	17	61	49	9	40	28	3	37	29	11	14	....	....	1	4	1	....
Parry Sound	141	46	95	1	....	1	66	1	74	....	1	....	....	....	....	....	3	....
Rainy River	74	25	49	3	1	2	42	1	32	2	....	....	....	....	....	....	....	....
Sudbury	138	40	98	65	15	50	46	13	80	32	11	15	....	....	....	6	4	4
Temiskaming	131	37	94	46	4	42	66	8	63	30	1	5	....	....	....	3	1	....
Thunder Bay	122	41	81	1	....	1	81	1	41	....	....	....	....	....	....	....	....	....
Totals	1,096	356	740	259	57	202	548	38	517	137	26	68	...	1	1	17	11	5
Grand Totals	7,230	1,673	5,557	787	109	678	3,693	160	3,452	453	42	151	2	1	4	25	52	14

SPECIAL RURAL SCHOOL TEACHERS

York County—2 Kindergarten Directors; 9 Kindergarten Primary; 2 Manual Training; 2 Household Science; 7 Auxiliary Class; 4 Exchange teachers from Overseas.

Other Kindergarten Primary—Brant 1; Cochrane 1; Welland 5.

Other Music Teachers—Elgin 6; Essex 1; Grey 2; Haldimand 4; Hastings 3; Kent 8; Lambton 3; Lincoln 4; Middlesex 11; Northumberland 6; Norfolk 1; Peterborough 6; Prince Edward 1; Russell 1; Simcoe 1; Victoria 4; Welland 2; Wellington 3.

Other Auxiliary Class Teachers—Welland 1.

Other Special Teachers—Cochrane 1; Temiskaming 1; Total 103.

TABLE 6—DISTRIBUTION OF TEACHERS AND CERTIFICATES, 1936-37

(b) URBAN

Cities	TEACHERS						CERTIFICATES																									University Graduates	
	Public			Separate			General													Special													
							First Class		Second Class		Third Class		District		T.	P. U.	Kindergarten			Manual Training	Household Science		Auxiliary Training		Art	Music		Physical Culture		Exchange			
																	Director	Assistant and Primary															
(Counties)	T.	M.	F.	T.	M.	F.	P.	S.	P.	S.	P.	S.	P.	S.	S.	S.	P.	P.	S.	P.	P.	S.	P.	S.	P.	P.	S.	P.	S.	P.	S.	P.	S.
Belleville	48	12	36	13	1	12	21	5	25	8	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...
Brantford	106	16	90	18	...	18	45	3	46	14	...	...	...	...	...	1	...	3	...	1	1	...	3	...	...	...	...	...	...	1	...	2	...
Chatham	59	10	49	14	...	14	17	1	29	13	...	...	...	...	...	...	2	4	...	1	1	...	2	...	...	1	...	...	...	2	...	1	...
Galt	47	12	35	5	...	5	5	2	34	3	...	...	...	...	...	...	1	5	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...
Guelph	63	13	50	23	...	23	24	2	28	19	...	...	...	...	...	...	...	5	...	1	1	1	3	...	...	1	1	...	...	...	...	...	...
Hamilton	562	85	477	134	13	121	314	44	173	74	...	...	...	...	...	7	32	9	...	9	7	...	13	5	...	2	1	3	1	...	...	70	...
Kingston	70	9	61	24	1	23	24	7	39	16	...	...	...	...	...	...	...	4	...	1	1	...	...	...	...	1	1	...	...	...	...	10	...
Kitchener	114	24	90	50	3	47	43	15	42	32	...	...	...	...	...	2	1	15	...	2	2	...	5	1	1	2	...	2	...	...	...	...	...
London	256	60	196	51	4	47	136	20	67	30	...	...	...	...	...	1	14	11	...	5	5	1	16	1	...	1	...	1	1	...	...	27	...
Niagara Falls	66	10	50	11	...	11	22	...	39	11	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	1	...	1	...	...	...	1	...
Oshawa	87	17	70	10	1	9	28	2	53	8	...	...	...	...	...	...	...	4	...	...	...	...	1	...	...	...	...	...	...	...	...	4	...
Ottawa	309	73	236	348	85	263	162	92	97	198	...	22	...	1	28	3	21	...	...	11	10	3	3	1	1	3	...	...	...	1	...	51	4
Owen Sound	56	11	45	4	...	4	19	1	23	2	...	...	...	...	...	1	4	5	...	1	1	...	2	...	...	1	...	...	...	...	...	...	...
Peterborough	79	15	64	36	...	36	34	14	35	21	...	...	...	...	...	1	...	6	...	1	1	...	1	...	1	1	...	...	...	...	...	4	1
St. Catharines	93	19	74	22	...	22	35	4	40	17	...	...	...	...	...	1	2	7	...	1	1	...	5	...	...	1	...	...	...	1	...	3	...
St. Thomas	55	14	41	7	...	7	32	2	19	5	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	2	...	...	...
Sarnia	68	15	53	15	...	15	24	4	35	10	...	...	...	...	...	1	...	2	...	2	2	...	3	...	...	...	...	...	...	...	...	3	...
Stratford	64	13	51	13	...	13	22	1	33	11	...	...	...	...	...	1	...	4	...	2	2	...	...	...	...	1	...	...	...	...	...	...	...
Toronto	2,180	547	1,633	311	32	279	982	57	830	236	...	2	...	...	...	3	104	70	1	60	52	1	66	9	...	5	1	3	1	8	...	221	6
Welland	52	9	43	...	...	...	20	...	28	...	...	...	...	...	...	...	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Windsor	321	72	249	180	12	168	125	37	157	134	...	5	...	...	...	3	...	26	...	3	1	...	7	1	...	1	...	1	...	2	...	22	5
Woodstock	36	8	28	4	...	4	16	1	11	3	...	...	...	...	...	...	...	6	...	1	1	...	...	...	...	1	...	...	...	...	...	...	...
Totals	4,791	1,064	3,727	1,293	152	1,141	2,150	314	1,883	865	...	29	...	1	28	25	182	196	1	102	89	6	137	18	3	24	4	11	2	17	...	420	16
Districts																																	
Fort William	96	24	72	29	...	29	43	6	32	23	...	...	...	...	...	...	...	17	...	...	...	...	3	...	...	1	...	...	...	...	...	2	
North Bay	47	10	37	16	...	16	25	1	21	15	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Port Arthur	75	17	58	18	...	18	55	4	9	12	...	...	...	...	...	2	...	9	...	...	...	...	2	...	...	...	...	...	...	...	...	4	1
Sault Ste. Marie	80	16	64	33	...	33	22	4	45	27	...	2	...	...	...	...	...	10	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...
Sudbury	43	7	36	57	5	52	17	11	25	43	...	1	...	...	1	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
Totals	341	74	267	153	5	148	162	26	132	120	...	3	...	...	1	3	1	36	...	...	...	...	9	...	...	1	...	...	...	...	...	6	2
Totals—Cities	5,132	1,138	3,994	1,446	157	1,289	2,312	340	2,015	985	...	32	...	1	29	28	183	232	1	102	89	6	146	18	3	25	4	11	2	17	...	426	18
Towns	1,605	339	1,266	626	46	580	566	141	950	430	1	15	2	...	9	21	6	68	...	2	1	1	3	...	...	3	3	...	...	3	...	18	12
Villages	628	174	454	82	4	78	245	20	366	53	1	7	...	...	...	3	...	11	...	...	1	...	...	...	...	...	...	...	...	3	...	3	6
Urban	7,365	1,651	5,714	2,154	207	1,947	3,123	501	3,331	1,474	2	54	2	1	38	52	189	311	1	104	91	7	149	18	3	28	7	11	2	23	...	447	36
Rural	7,230	1,673	5,557	787	109	678	3,693	160	3,452	453	42	151	2	1	25	4	2	16	...	2	2	...	8	...	...	...	...	...	...	4	...	52	14
Grand Totals	14,595	3,324	11,271	2,941	316	2,625	6,816	661	6,783	1,927	44	205	4	2	63	56	191	327	1	106	93	7	157	18	3	*28	7	11	2	27	...	499	50
Increases for year	15	159	...	49	45	4	716	99	...	26	...	...	...	...	...	...	...	11	...	8	...	...	...	2	...	†2	1	...	...	18	...	71	...
Decreases for year	...	...	144	...	...	...	...	...	659	...	15	44	1	...	20	2	3	...	6	...	4	2	17	...	2	...	...	...	...	...	1	...	9

*In addition to this number there are 67 Itinerant Music Teachers serving town, village and rural schools in contrast to 57 in 1935-36. †This increase is for city schools only.

P = Public S = Separate T = Total M = Male F = Female T = Temporary P.U. = Permanent Ungraded

THE PUBLIC AND

TABLE 7—HIGH SCHOOL ENTRANCE EXAM-

A—Public Schools of the City Inspectorates	May Enrolment, Forms I Jr. to IV Sr. (incl.)	High School Entrance Candidates	Recommended Candidates		Writing Candidates		
			Number	Per cent.	Number	Number successful	Per cent. successful
1 Brantford	3,368	394	322	81.72	72	17	23.62
2 Chatham	1,733	211	120	56.87	91	29	31.87
3 Hamilton	18,514	1,857	1,565	84.27	292	115	39.38
4 Kitchener	3,231	400	269	67.25	131	53	40.45
5 London	7,802	1,133	698	61.60	435	259	59.54
6 Ottawa	8,711	1,135	738	65.02	397	221	55.66
7 Peterborough	2,511	243	150	61.73	93	70	75.26
8 St. Catharines	2,979	285	169	59.30	116	106	91.38
9 Sarnia	2,370	290	189	65.18	101	75	74.25
10 Toronto	69,353	7,874	5,811	73.80	2,063	811	39.31
11 Welland	1,751	165	81	49.09	84	54	64.28
12 Windsor	11,093	1,436	1,007	70.12	429	136	31.70
Totals	133,416	15,423	11,119	72.09	4,304	1,946	45.21
B—Public Schools of the County Inspectorates							
1 Brant, and Norfolk (in part)	3,173	318	166	52.20	152	96	63.16
2 Bruce East, Grey (in part), Huron (in part)	2,258	225	67	29.78	158	115	72.78
3 Bruce West	2,336	259	103	39.77	156	100	64.10
4 Carleton	3,654	478	195	40.79	283	206	72.79
5 Dufferin (in part) and Peel (in part)	2,078	299	91	30.43	208	114	54.81
6 Dundas, and Grenville (in part)	2,660	302	100	33.12	202	135	66.83
7 Elgin East and City of St. Thomas	3,927	447	338	75.61	109	51	46.78
8 Essex North	3,969	448	86	19.19	362	299	82.59
9 Essex South and Kent (in part)	4,091	412	129	31.31	283	231	81.62
10 Frontenac North and Addington (in part)	1,511	154	61	39.61	93	69	74.19
11 Frontenac South and Lennox (in part)	2,140	207	72	34.78	135	95	70.37
12 Frontenac South and City of Kingston	2,999	384	207	53.90	177	146	82.48
13 Glengarry (in part) and Prescott (in part)	2,092	167	61	36.52	106	84	79.24
14 Grey East	2,383	287	95	33.10	192	147	76.56
15 Grey North and Bruce North	3,445	328	217	66.16	111	80	72.07
16 Grey South	2,826	309	106	34.30	203	144	70.93
17 Haldimand (in part) and Wentworth (in part)	2,565	265	104	39.24	161	129	80.12
18 Halton	3,410	421	235	55.82	186	122	65.59
19 Hastings Centre	2,327	194	81	41.75	113	95	84.07
20 Hastings North, Renfrew (in part) and City of Oshawa	4,862	488	218	44.67	270	197	72.96
21 Hastings South and City of Belleville	4,237	442	291	65.84	151	98	64.90
22 Huron East	2,264	313	139	44.40	174	127	72.99
23 Huron West	2,919	314	176	56.05	138	101	73.18
24 Kent South	4,294	399	191	47.87	208	99	47.59
25 Kent East and Elgin (in part)	2,764	349	213	61.03	136	77	56.66
26 Lambton West	2,810	304	65	21.38	239	149	62.34
27 Lambton East	2,439	238	64	26.89	174	118	67.81
28 Lanark	4,201	642	199	30.99	443	354	79.91
29 Leeds and Grenville West	1,898	205	84	40.97	121	75	61.98
30 Leeds and Grenville Centre	2,306	274	107	39.06	167	106	63.47
31 Leeds and Grenville East and Lanark (in part)	1,967	224	81	36.16	143	96	67.13
32 Lennox and Hastings South (in part)	2,272	227	82	36.12	145	94	64.83
33 Lincoln (in part)	3,104	395	230	58.23	165	113	68.48
34 Middlesex East and Elgin (in part)	3,142	414	191	46.13	223	165	73.99
35 Middlesex West	2,300	325	60	18.46	265	202	76.22

SEPARATE SCHOOLS

INATION RESULTS BY INSPECTORATES, 1937

Successful Candidates

	Total Successful	Per cent. of Total Applicants	Per cent. of May Enrolment	Average Age		Destination					
						Secondary School		Fifth Class		Retired from School	
				Years	Mos.	Number	Per cent.	Number	Per cent.	Number	Per cent.
1	339	86.04	10.06	13	11	299	67.55	....	....	40	32.45
2	149	70.61	8.60	13	8	147	98.66	....	....	2	1.34
3	1,680	90.47	9.07	14	1½	1,359	80.89	....	....	321	19.11
4	322	80.50	9.96	13	6	63	19.56	244	75.78	15	4.66
5	957	84.46	12.26	14	..	843	88.09	....	....	114	11.91
6	959	84.49	11.00	13	11	945	98.54	3	....	11	1.15
7	220	90.53	8.76	14	2½	196	89.09	....	....	24	10.91
8	275	96.49	9.23	14	1	246	89.45	....	....	29	10.55
9	264	91.03	11.13	13	11	262	99.24	....	....	2	.76
10	6,622	84.09	9.55	14	2	5,442	82.18	473	7.14	707	10.68
11	135	81.81	7.71	13	10	116	85.92	....	....	19	14.08
12	1,143	79.59	10.30	13	8	n.r.	....	n.r.	....	n.r.	....
	13,065	84.71	9.79	14	..	9,918	83.19	720	6.04	1,284	10.77
1	262	82.39	8.26	13	10	194	74.04	11	4.20	57	21.76
2	182	80.89	8.06	13	5	105	57.69	38	20.88	39	21.43
3	203	78.38	8.69	13	6	135	66.50	36	17.73	32	15.77
4	401	83.89	10.97	13	10	392	97.75	3	....	6	1.50
5	205	68.56	9.86	13	8	130	63.41	31	15.12	44	21.47
6	235	77.81	8.83	12	11	175	74.47	12	5.10	48	20.43
7	389	87.02	9.90	13	11	321	82.52	12	3.08	56	14.40
8	385	85.94	9.70	13	10	197	51.16	121	31.43	67	17.41
9	360	87.38	8.80	13	9	269	74.72	9	....	82	22.78
10	130	84.41	8.60	n.r.		54	41.53	60	46.15	16	12.32
11	167	80.67	7.80	13	11	94	56.29	35	20.96	38	22.75
12	353	91.93	11.77	13	11	293	83.00	....	....	60	17.00
13	145	86.82	6.93	13	9	83	57.24	27	18.62	35	24.14
14	242	84.32	10.15	13	10	157	64.87	42	17.35	43	17.78
15	297	90.55	8.62	14	1	212	71.39	20	6.73	65	21.88
16	250	80.90	8.84	13	6	122	48.80	43	17.20	85	34.00
17	233	87.92	9.08	15	8	201	86.26	18	7.72	14	6.02
18	357	84.80	10.46	13	11	280	78.43	4	....	73	20.44
19	176	90.72	7.56	14	..	117	66.48	16	9.09	43	24.43
20	415	85.04	8.53	13	8	330	79.51	33	7.95	52	12.54
21	389	88.00	9.18	14	1	347	89.20	39	10.02	3	.78
22	266	84.98	11.74	13	9	193	72.56	31	11.65	42	15.79
23	277	88.21	9.49	13	11	151	54.51	60	21.66	66	23.83
24	290	72.68	6.75	13	10	209	72.07	22	7.59	59	20.34
25	290	83.09	10.49	13	7	223	76.89	24	8.27	43	14.84
26	214	70.39	7.61	13	10	148	69.16	28	13.08	38	17.76
27	182	76.47	7.46	13	7	113	62.08	31	17.03	38	20.89
28	553	86.14	13.16	14	1	429	77.57	59	10.66	65	11.77
29	159	77.57	8.38	13	9	124	77.99	19	11.94	16	10.07
30	213	77.74	9.23	14	..	171	80.28	29	13.61	13	6.11
31	177	79.02	9.00	14	5	109	61.58	31	17.51	37	20.91
32	176	77.53	7.74	13	7	117	65.34	22	12.50	37	22.16
33	343	86.83	11.05	13	10	258	75.22	60	17.49	25	7.29
34	356	85.99	11.33	14	..	277	77.81	14	3.93	65	18.26
35	262	80.61	11.39	13	8	207	79.00	12	4.58	43	16.42

THE PUBLIC AND

TABLE 7—HIGH SCHOOL ENTRANCE EXAM-

B—Public Schools of the County Inspectorates	May Enrolment, Forms I Jr. to IV Sr. (incl.)	High School Entrance Candidates	Recommended Candidates		Writing Candidates		
			Number	Per cent.	Number	Number successful	Per cent. successful
36 Norfolk (in part)	4,208	431	175	40.60	256	161	62.89
37 Northumberland and Durham West	2,600	317	84	26.50	233	181	77.68
38 Northumberland and Durham Centre	2,187	266	162	60.90	104	74	71.15
39 Northumberland and Durham East and Hastings (in part)	2,934	308	102	33.12	206	163	79.12
40 Ontario North and York (in part)	2,724	320	91	28.43	229	158	68.99
41 Ontario South	2,666	362	173	47.79	189	133	70.37
42 Oxford North and City of Woodstock	3,094	413	225	54.48	188	146	77.66
43 Oxford South and Norfolk (in part)	3,637	356	204	57.30	152	93	61.18
44 Peel (in part) and York (in part)	5,540	470	230	48.93	240	202	84.16
45 Perth North and Wellington (in part)	3,069	336	72	21.42	264	200	75.76
46 Perth South	3,401	470	213	50.11	257	191	74.32
37 Peterborough East	2,342	274	100	36.49	174	113	64.94
48 Peterborough West and Victoria East	2,344	315	160	50.79	155	111	71.61
49 Prescott and Russell, No. 1	1,772	137	22	16.06	115	93	80.86
50 Prescott and Russell, No. 2	30	4	......	......	4	1	25.00
51 Prescott and Russell, No. 3	588	42	7	16.67	35	27	77.14
52 Prescott and Russell, No. 4	195	9	......	......	9	3	33.33
53 Prince Edward	1,906	212	140	66.04	72	35	48.62
54 Renfrew North	2,859	287	112	39.02	175	141	80.57
55 Renfrew South	2,924	297	57	19.19	240	168	70.00
56 Simcoe Centre	3,094	379	196	51.71	183	121	69.23
57 Simcoe East and Muskoka (in part)	3,717	453	193	42.60	260	199	76.53
58 Simcoe North	954	60	26	43.34	34	24	70.59
59 Simcoe South, York (in part), Peel (in part)	3,533	366	114	31.15	252	163	64.68
60 Simcoe West, Grey (in part), Dufferin (in part)	3,230	281	97	34.52	184	141	76.64
61 Stormont	3,166	294	61	20.74	233	186	79.83
62 Victoria West	1,432	162	76	46.91	86	65	75.58
63 Waterloo North	3,553	341	180	52.78	161	129	80.12
64 Waterloo South and City of Galt	3,781	474	359	75.73	115	93	80.86
65 Welland East	4,561	542	220	40.59	322	254	78.88
66 Welland South	4,217	404	156	38.61	248	177	71.37
67 Welland (in part), Lincoln (in part), Haldimand (in part)	3,322	303	97	32.01	206	125	60.67
68 Wellington North	2,924	375	103	27.46	272	207	76.11
69 Wellington South and City of Guelph	3,804	458	275	60.04	183	146	79.78
70 Wentworth	3,674	441	216	48.98	225	149	66.22
71 York, No. 1	3,753	453	153	33.77	300	201	67.00
72 York, No. 2	5,118	514	290	56.42	224	171	76.34
73 York, No. 3	5,380	615	496	80.65	119	89	74.78
74 York, No. 4	5,447	714	489	68.49	225	160	71.11
75 York, No. 5	7,322	799	571	71.46	228	166	72.81
76 York, No. 6	5,788	638	278	43.57	360	287	79.72
Totals	234,413	26,149	11,880	45.51	14,269	10,276	72.02
C—Public Schools of the District Inspectorates							
1 District Division No. 1	2,990	330	102	30.90	228	163	71.49
2 " " " 2	2,574	310	125	40.32	185	112	60.54
3 " " " 3	3,742	496	374	75.40	122	61	50.00
4 " " " 4	3,662	487	344	70.63	143	46	32.17
5 " " " 5	3,865	446	283	63.45	163	58	35.58
6 " " " 6	3,401	297	131	44.10	166	126	75.90
7 " " " 7 (part 1)	3,867	421	233	55.34	188	149	79.25

SEPARATE SCHOOLS

INATION RESULTS BY INSPECTORATES, 1937

Successful Candidates

	Total Successful	Per cent. of Total Applicants	Per cent. of May Enrolment	Average Age		Destination					
						Secondary School		Fifth Class		Retired from School	
				Years	Mos.	Number	Per cent.	Number	Per cent.	Number	Per cent.
36	336	77.96	7.98	13	10	247	73.51	28	8.33	61	18.16
37	265	83.60	10.19	13	10	194	73.21	46	17.35	25	9.44
38	236	88.72	10.79	14	9	176	74.58	36	15.25	26	10.17
39	265	86.04	9.03	14	..	188	70.94	7	2.64	70	26.42
40	249	77.81	9.14	13	9	168	67.46	31	12.44	50	20.10
41	306	84.53	11.47	13	6	256	83.66	9	2.94	41	13.40
42	371	89.83	11.99	13	8	298	80.33	23	6.20	50	13.47
43	297	83.42	8.17	13	8	219	73.74	13	4.38	65	21.88
44	432	91.91	7.80	14	1	361	83.56	....	....	71	16.44
45	272	80.95	8.86	13	7	124	45.59	36	13.23	112	41.18
46	404	85.96	11.88	13	7	388	91.72	26	6.15	9	2.13
47	213	77.74	9.09	13	5	145	68.08	35	16.43	33	15.49
48	271	86.03	11.56	13	5	210	77.43	34	12.54	27	10.03
49	115	83.94	6.49	13	10	77	66.96	24	20.86	14	12.18
50	1	25.00	3.34	13	11	1	100.00	....	....	....	....
51	34	80.95	5.78	13	10	20	58.82	13	38.23	1	2.95
52	3	33.34	1.54	14	..	2	66.67	1	33.34	....	....
53	175	82.55	9.18	13	11	108	61.71	34	19.43	33	18.86
54	253	88.15	8.85	13	6	186	73.51	37	14.62	30	11.87
55	225	75.76	7.69	13	11	144	64.00	29	12.88	52	23.12
56	317	83.64	10.24	14	2	232	73.18	38	11.99	47	14.83
57	392	86.53	10.54	13	4	255	65.05	47	11.99	90	22.96
58	50	83.33	5.24	14	6	32	64.00	....	....	18	36.00
59	277	75.68	7.84	13	10	231	83.39	27	9.74	19	6.87
60	238	84.70	7.37	13	11	162	68.06	41	17.23	35	14.71
61	247	84.01	7.80	13	7	200	80.97	32	12.95	15	6.08
62	141	87.04	9.84	13	9	70	49.64	50	35.46	21	14.90
63	309	90.61	8.69	13	7	122	39.48	96	31.06	91	29.46
64	452	95.36	11.95	13	9	300	66.37	40	8.85	112	24.78
65	474	87.45	10.39	13	10	435	91.77	3	.63	36	7.60
66	333	82.42	7.90	14	..	298	89.49	....	....	35	10.51
67	222	73.27	6.68	13	11	170	76.57	3	1.35	49	22.08
68	310	82.67	10.60	13	5	217	70.00	30	9.68	63	20.32
69	421	91.92	11.07	13	9	330	78.38	34	8.07	57	13.55
70	365	82.77	9.93	14	..	282	77.26	25	6.84	58	15.90
71	354	78.14	9.43	14	..	268	75.70	....	....	86	24.30
72	461	89.69	9.01	14	..	411	89.16	3	.65	47	10.19
73	585	95.12	10.87	13	11	531	90.77	....	....	54	9.23
74	649	90.89	11.91	13	11	590	90.90	....	....	59	9.10
75	737	92.24	10.06	14	1	674	91.45	....	....	63	8.55
76	565	88.55	9.76	14	5	506	89.56	....	....	59	10.44
	22,156	84.73	9.45	14	1	16,765	75.60	1,983	8.94	3,427	15.46

1	265	80.30	8.86	14	..	216	81.51	36	13.58	13	4.91
2	237	76.45	9.21	13	11	131	53.27	83	35.02	23	11.71
3	435	87.70	11.62	13	11	394	90.58	19	4.37	22	5.05
4	390	80.08	10.64	14	..	159	40.77	167	42.82	64	16.41
5	341	76.46	8.82	13	10	262	76.83	45	13.19	34	9.98
6	257	86.53	7.55	14	1	167	64.98	71	27.62	19	7.40
7	382	90.73	9.88	14	6	268	70.15	79	20.68	35	9.17

THE PUBLIC AND

TABLE 7—HIGH SCHOOL ENTRANCE EXAM-

C—Public Schools of the District Inspectorates	May Enrolment, Forms I Jr. to IV Sr. (incl.)	High School Entrance Candidates	Recommended Candidates		Writing Candidates		
			Number	Per cent.	Number	Number successful	Per cent. successful
8 " " " 7 (part 2)	413	21	......	......	21	11	52.38
9 " " " 8	2,385	235	66	28.08	169	111	65.68
10 " " " 9	4,128	585	296	50.59	289	204	70.59
11 " " " 10	4,138	228	94	41.23	134	92	68.65
12 " " " 11	2,489	243	104	42.79	139	88	63.30
13 " " " 12 (part 1)	3,226	330	149	45.15	181	136	75.13
14 " " " 12 (part 2)	37	......	......	......	......	......	......
15 " " " 12 (part 3)	658	19	......	......	19	15	78.94
16 " " " 13	2,387	247	94	38.05	153	116	75.81
17 " " " 14	2,072	204	88	43.14	116	83	71.55
18 " " " 15	2,205	247	110	44.53	137	99	72.26
19 " " " 16	1,912	172	35	20.35	137	83	60.58
Totals	50,151	5,318	2,628	49.42	2,690	1,753	65.17
D—R.C. Separate School Inspectorates							
1 R.C. Separate Division No. 1	3,818	325	273	84.00	52	48	92.31
2 " " " " 2	3,704	266	119	44.73	147	97	65.98
3 " " " " 3	4,191	226	112	49.56	114	41	35.96
4 " " " " 4	2,652	149	53	35.57	96	78	81.25
5 " " " " 5	3,701	271	124	45.75	147	109	74.15
6 " " " " 6	5,935	543	388	71.45	155	129	83.22
7 " " " " 7	3,901	216	105	48.61	111	79	71.17
8 " " " " 8	3,516	300	131	43.67	169	103	60.94
9 " " " " 9	3,766	369	140	37.94	229	204	89.08
10 " " " " 10	5,308	559	385	68.88	174	107	61.49
11 " " " " 11	4,953	502	390	77.69	112	48	42.85
12 " " " " 12	4,139	512	259	50.58	253	175	69.17
13 " " " " 13 and 14	13,226	1,492	1,088	72.92	404	136	33.66
14 " " " " 15	3,975	405	183	45.18	222	163	73.42
15 " " " " 16	4,007	385	178	46.23	207	167	80.67
16 " " " " 17	4,232	531	288	54.24	243	172	70.78
17 " " " " 18	6,430	480	255	53.13	225	122	54.22
18 " " " " 19	3,045	214	51	23.83	163	88	53.98
19 " " " " 20	3,796	207	79	38.16	128	80	62.50
20 " " " " 21	3,550	190	24	12.63	166	111	66.86
Totals	91,845	8,142	4,625	56.80	3,517	2,257	64.18
Grand Totals	509,825	55,032	30,252	54.97	24,780	16,232	65.50
Increases for the year	......	1,147	1,032	.74	120	......	......
Decreases for the year	5,490	......	......	......	......	115	.79

SUMMARY

(This includes, in addition to the above, results of candidates from private sources.)

Enrolment Senior Fourth Grade on the last school day in May, 1937		57,112
Number of High School Entrance Candidates:		
Recommended by Principal on Group II	30,455	
Number taking written test Group II	24,852	
		55,307
High School Entrance candidate percentage of 1937 Senior Fourth Enrolment		96.84%

SEPARATE SCHOOLS

INATION RESULTS BY INSPECTORATES, 1937

Successful Candidates

	Total Successful	Per cent. of Total Applicants	Per cent. of May Enrolment	Average Age		Destination					
						Secondary School		Fifth Class		Retired from School	
				Years	Mos.	Number	Per cent.	Number	Per cent.	Number	Per cent.
8	11	52.39	2.66	14	3	2	18.18	4	36.36	5	45.46
9	177	75.31	7.42	13	5	71	40.11	67	37.85	39	22.04
10	500	85.47	12.11	14	..	312	62.40	78	15.60	110	22.00
11	186	81.58	4.49	14	3	154	82.79	27	14.51	5	2.70
12	192	79.01	7.71	14	5	139	72.39	50	26.04	3	1.57
13	285	86.36	8.83	13	11	237	83.16	37	12.98	11	3.86
14	....	....	....	..	..	......	......	......	......	......	......
15	15	78.95	2.28	14	8	2	13.33	12	80.00	1	6.67
16	210	85.02	8.80	14	2	75	35.71	77	36.66	58	27.63
17	171	83.82	8.25	13	9	87	50.87	37	21.63	47	27.50
18	209	84.61	9.48	14	1	127	60.76	61	29.18	21	10.06
19	118	68.60	6.17	14	2	54	45.76	38	32.20	26	22.04
	4,381	82.38	8.73	14	..	2,857	65.21	988	22.55	536	12.24
1	321	98.76	8.41	13	11	244	76.01	53	16.51	24	7.47
2	216	81.20	5.83	14	5	96	44.44	83	38.43	35	16.20
3	153	67.70	3.65	13	6	149	97.38	......	......	......	......
4	131	87.92	4.94	14	1	20	15.27	110	83.97	1	.76
5	233	85.98	6.29	14	5	205	87.98	22	9.44	......	......
6	517	95.21	8.71	14	1	320	61.89	144	27.86	53	10.25
7	184	85.18	4.71	13	9	60	32.60	106	57.61	19	10.33
8	234	78.00	6.65	13	8	141	60.25	57	24.36	36	15.38
9	344	93.22	9.13	13	10	110	31.97	177	51.45	67	19.47
10	492	88.01	9.27	13	6	232	47.16	167	33.94	94	19.10
11	438	87.25	8.84	14	1	214	48.86	217	49.54	7	1.60
12	434	84.76	10.48	13	11	318	73.27	80	18.43	38	8.75
13	1,224	82.04	9.25	14	2	822	67.16	210	17.16	192	15.68
14	346	85.44	8.70	13	7	209	60.40	114	32.94	23	6.64
15	345	89.61	8.61	13	9	229	66.37	89	25.79	27	7.82
16	460	86.62	10.86	13	10	92	20.00	351	76.30	11	2.39
17	377	78.54	5.86	14	6	36	9.55	341	90.45	......	......
18	139	64.95	4.56	13	11	39	28.06	108	77.70	1	.72
19	159	76.81	4.19	14	7	118	74.21	31	19.49	8	5.03
20	135	71.05	3.80	14	6	78	57.78	34	25.18	23	17.04
	6,882	84.52	7.49	13	8	3,732	54.22	2,494	36.24	659	9.57
	46,484	84.47	9.12	14	..	33,272	73.35	6,185	13.63	5,906	13.02
	917	....	.28	....	....	......	......	......	......	......	......
	......	.09	......	....	....	395	.53	......	......	......	......

Number of candidates successful on written test on Group II:

By Regulation 10—(1) and (2)	15,039	
(3) and (4)	682	
(5)	355	
(6)	217	
(7)	221	
		16,514
Total number of successful candidates		46,969
Percentage of all candidates who were successful		84.92%

(55.06% by Principals' recommendation and 29.86% by passing written test.)

THE PUBLIC AND SEPARATE SCHOOLS

TABLE 8—NATURE STUDY AND AGRICULTURE, VOCAL MUSIC, MANUAL TRAINING AND HOUSEHOLD SCIENCE IN RURAL SCHOOLS

County Inspectorates	Number of Rural Schools	Schools which qualified for a Special Legislative Grant* for the teaching of									
		Number					Per cent.				
		Nature Study and Agriculture	Vocal Music	Art	Household Science	Manual Training	Nature Study and Agriculture	Vocal Music	Art	Household Science	Manual Training
Brant and Norfolk (in part)...	76	49	29	1	14	1	64.5	38.2	1.3	18.5	1.3
Bruce East, Grey (in part), Huron (in part)...........	79	77	41	....	25	2	97.5	51.9	......	31.6	2.5
Bruce West..................	81	78	45	....	4	1	96.4	55.6	......	4.9	1.2
Carleton East...............	61	46	8	....	14	5	75.4	13.1	......	22.8	8.2
Carleton West and Lanark East	65	43	......	....	13	......	66.1	......	......	20	......
Dufferin (in part) and Peel....	90	58	67	....	18	......	64.4	74.5	......	20	......
Dundas, and Grenville (in part)	71	69	5	....	10	7	97.2	7	......	14.1	9.9
Elgin East and City of St. Thomas..................	51	35	4	....	1	......	68.6	7.8	......	2	......
Essex North.................	64	61	5	2	......	......	95.4	7.8	3.1	......	......
Essex South, and Kent (in part)	72	53	15	1	2	2	73.6	20.8	1.4	2.8	2.8
Frontenac North, and Addington (in part)..............	76	50	11	....	8	1	65.8	14.5	......	10.5	1.3
Frontenac South, and Lennox (in part).................	79	38	29	....	1	......	48.2	36.7	......	1.3	......
Frontenac South and City of Kingston.................	36	16	12	....	3	......	44.4	33.2	......	8.3	......
Glengarry (in part) and Prescott (in part)................	82	80	15	....	12	1	97.6	18.3	......	14.6	1.2
Grey East...................	94	80	49	....	19	......	85.1	52.1	......	20.2	......
Grey North and Bruce North...	54	50	28	....	11	1	92.6	51.8	......	20.4	1.8
Grey South..................	81	53	22	....	13	1	65.4	27.2	......	16	1.2
Haldimand (in part) and Wentworth (in part)............	77	55	18	....	10	8	71.5	22.4	......	13	10.4
Halton......................	60	38	33	....	9	4	63.3	55	......	15	6.7
Hastings Centre..............	72	58	11	....	1	1	80.6	15.4	......	1.5	1.5
Hastings North, Renfrew (in part) and City of Oshawa....	42	16	......	....	3	......	38.1	......	......	7.1	......
Hastings South..............	35	33	8	1	5	2	94.4	22.8	2.8	14.3	5.7
Huron East..................	78	65	18	....	4	......	83.4	23.1	......	5.1	......
Huron West..................	88	68	28	....	1	2	77.3	31.8	......	1.1	2.3
Kent South and Elgin West (in part)......................	87	84	58	....	......	......	96.6	66.6	......	......	......
Kent East and Elgin (in part)..	76	72	50	....	3	......	94.8	55.8	......	3.9	......
Lambton West...............	83	62	27	....	3	......	74.6	32.6	......	3.6	......
Lambton East...............	87	75	17	....	7	1	86.2	19.5	......	8	1.2
Lanark West................	71	51	7	....	16	3	71.8	9.9	......	22.5	4.2
Leeds and Grenville, No. 1....	73	58	31	....	12	......	79.5	42.5	......	16.4	......
Leeds and Grenville, No. 2....	66	51	18	....	18	......	77.3	27.3	......	27.3	......
Leeds and Grenville, No. 3, and Lanark (in part)..........	85	82	7	....	8	2	96.5	8.2	......	9.4	2.3
Lennox and Hastings South (in part).....................	78	66	10	....	10	1	84.6	12.8	......	12.8	1.3
Lincoln (in part)............	44	35	31	3	15	10	79.6	70.4	6.8	34.1	2.3
Middlesex East and Elgin (in part).....................	94	74	58	....	3	3	78.7	61.7	......	3.2	3.2
Middlesex West.............	95	94	25	....	2	1	99	26.3	......	2.1	1
Norfolk (in part)............	75	59	32	....	4	1	78.6	42.7	......	5.3	1.3
Northumberland and Durham, No. 1.....................	63	60	61	....	17	1	95.2	96.8	......	26.9	1.6
Northumberland and Durham, No. 2.....................	77	40	63	....	11	......	52	81.8	......	14.3	......

THE PUBLIC AND SEPARATE SCHOOLS

TABLE 8—NATURE STUDY AND AGRICULTURE, VOCAL MUSIC, MANUAL TRAINING AND HOUSEHOLD SCIENCE IN RURAL SCHOOLS

County Inspectorates	Number of Rural Schools	Schools which qualified for a Special Legislative Grant* for the teaching of									
		Number					Per cent.				
		Nature Study and Agriculture	Vocal Music	Art	Household Science	Manual Training	Nature Study and Agriculture	Vocal Music	Art	Household Science	Manual Training
Northumberland and Durham, No. 3, and Hastings (in part)	78	75	56	....	14	1	96.2	71.8	......	17.9	1.3
Ontario North and York (in part)	73	19	31	....	12	1	26	42.5	......	16.4	1.4
Ontario South	60	34	24	....	4	......	56.6	40	......	6.7	......
Oxford North and City of Woodstock	58	55	44	....	16	4	94.8	75.8	......	17.6	6.9
Oxford South and Norfolk (in part)	59	50	43	....	10	4	84.8	72.9	......	16.9	6.8
Peel (in part) and York (in part)	48	31	35	2	4	3	64.6	72.9	4.2	8.3	6.2
Perth North and Wellington (in part)	85	84	66	....	2	......	98.9	77.6	......	2.4	......
Perth South	45	45	24	....	2	5	100	53.3	......	2.2	1.1
Peterborough East	72	58	36	....	14	......	80.6	50	......	19.4	......
Peterborough West and Victoria East	58	55	24	....	7	......	94.9	41.4	......	12.1	......
Prescott and Russell, No. 1	66	59	5	....	4	3	89.4	7.6	......	6.1	4.5
Prescott and Russell, No. 2	1	......	......	....	......	......	......	......	......	......	......
Prescott and Russell, No. 3	8	......	......	....	......	......	......	......	......	......	......
Prescott and Russell, No. 4	9	......	......	....	......	......	......	......	......	......	......
Prince Edward	71	44	8	....	5	5	62	11.3	......	7	7
Renfrew North	75	67	......	....	11	......	89.4	......	......	13.3	......
Renfrew South	82	82	......	....	7	......	100	......	......	8.5	......
Simcoe Centre	66	46	43	....	6	1	69.7	65.2	......	9.1	1.5
Simcoe East and Muskoka (in part)	44	42	7	....	8	......	95.5	15.9	......	18.2	......
Simcoe North	6	......	......	....	1	......	......	......	......	16.7	......
Simcoe South, York (in part), Peel	87	54	40	....	10	7	62.1	46	......	11.5	8
Simcoe West, Grey (in part), Dufferin (in part)	78	44	17	....	6	......	56.4	21.8	......	7.7	......
Stormont	76	70	5	....	4	......	92.1	6.6	......	5.3	......
Victoria West	69	64	50	....	7	......	92.7	72.4	......	1	......
Waterloo, No. 1	56	52	13	2	4	6	92.9	23.2	3.6	7.1	1.1
Waterloo, No. 2	28	9	5	....	2	......	32.1	17.9	......	7.1	....
Welland East	15	15	4	2	3	2	100	26.6	13.3	20	13.3
Welland South	23	15	4	....	5	1	65.3	17.4	......	21.7	4.3
Welland (in part), Lincoln (in part) and Haldimand (in part)	74	40	23	1	6	5	54.1	31.1	1.3	8.1	6.8
Wellington North	69	61	41	....	14	......	88.4	59.4	......	20	......
Wellington South, and City of Guelph	55	54	19	1	11	2	98.2	34.6	1.8	20	3.6
Wentworth	61	57	15	2	31	22	93.5	24.6	3.3	50.8	36.1
York, No. 1	72	66	10	....	8	2	91.7	13.9	......	11.1	2.8
York, No. 2	18	18	9	5	7	2	100	50	27.8	38.9	11.1
York, No. 3	10	10	8	8	1	......	100	80	80	10	......
York, No. 4	8	8	7	8	1	......	100	87.5	100	12.5	......
York, No. 5	13	12	7	2	......	......	92.4	53.8	15.4	......	......
York, No. 6	32	29	6	4	4	2	90.7	18.7	12.5	12.5	6.3
Counties	4,726	3,756	1,725	45	581	140	79.5	36.5	9.5	12.3	2.96

THE PUBLIC AND SEPARATE SCHOOLS

TABLE 8—NATURE STUDY AND AGRICULTURE, VOCAL MUSIC, MANUAL TRAINING AND HOUSEHOLD SCIENCE IN RURAL SCHOOLS

District Inspectorates	Number of Rural Schools	Schools which qualified for a Special Legislative Grant* for the teaching of									
		Number					Per cent.				
		Nature Study and Agriculture	Vocal Music	Art	Household Science	Manual Training	Nature Study and Agriculture	Vocal Music	Art	Household Science	Manual Training
District Division I	39	17	......	....	......	......	43.6	......	......	......	......
" " II	61	46	2	1	1	......	75.4	3.3	1.6	1.6	......
" " III	48	10	......	....	8	1	20.8	......	......	16.7	2.1
" " IV	53	23	......	2	10	1	43.4	......	3.8	18.9	2
" " V	42	29	......	....	5	......	69.1	......	......	11.9	......
" " VI	51	36	3	3	3	......	70.6	5.9	5.9	5.9	......
" " VII, Part I	55	28	2	....	5	......	50.9	3.6	......	9.1	......
" " VII, Part 2	17	2	......	....	......	......	11.8	......	......	......	......
" " VIII	66	60	......	....	26	......	91	......	......	39.4	......
" " IX	45	20	2	....	10	1	44.4	4.4	......	22.2	2.2
" " X	55	28	5	6	9	......	50.9	9.1	10.9	16.3	......
" " XI	47	28	1	....	10	1	59.6	2.1	......	21.3	2.1
" " XII, Part 1	56	26	......	....	17	1	46.4	......	......	30.4	1.8
" " XII, Part 2	2	......	......	....	......	......	......	......	......	......	......
" " XII, Part 3	29	......	......	....	......	......	......	......	......	......	......
" " XIII	66	33	1	1	7	1	50	1.5	1.5	10.6	1.5
" " XIV	63	51	1	....	4	......	81	1.6	......	6.4	......
" " XV	59	52	......	....	7	1	88.2	......	......	11.9	1.7
" " XVI	69	19	1	....	18	......	27.5	1.4	......	26.1	......
Districts	923	479	18	13	140	7	51.9	1.9	1.4	15.2	.76
All Rural Public Schools	5,649	4,235	1,743	58	721	147	74.9	30.9	1.0	12.8	2.60
R.C. S.S. Inspectorates											
Division I	7	4	......	....	1	......	57.2	......	......	14.3	......
" II	19	......	1	....	......	......	......	5.3	......	......	......
" III	48	......	......	....	......	......	......	......	......	......	......
" IV	44	......	......	....	......	......	......	......	......	......	......
" V	27	2	1	1	......	......	7.4	3.7	3.7	......	......
" VI	9	7	1	1	1	......	77.8	11.1	11.1	11.1	......
" VII	10	......	......	....	......	......	......	......	......	......	......
" VIII	27	10	2	....	2	......	37	7.4	......	7.4	......
" IX	32	26	3	....	14	......	81.3	9.4	......	43.7	......
" X	19	7	3	....	5	......	36.8	15.8	......	26.3	......
" XI	1	1	1	1	......	......	100	100	100	......	......
" XII	17	14	7	....	2	1	82.4	41.2	......	11.8	5.9
" XIII	7	1	2	....	1	......	14.3	28.6	......	14.3	......
" XIV	4	1	1	....	4	......	25	25	......	100	......
" XV	29	20	2	....	2	......	69	6.9	......	6.9	......
" XVI	24	11	1	1	......	......	45.8	4.6	4.6	......	......
" XVII	10	8	......	....	......	......	80	......	......	......	......
" XVIII	......	......	......	....	......	......	......	......	......	......	......
" XIX	50	......	......	....	......	......	......	......	......	......	......
" XX	43	2	......	....	......	......	4.7	......	......	......	......
" XXI	50	3	......	....	......	......	6	......	......	......	......
R.C. Separate Schools	477	117	25	4	32	1	24.9	5.3	.85	6.8	.21
Grand Totals	6,126	4,352	1,768	62	753	148	71.1	28.9	.10	12.3	2.4

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*To Board, or Teacher, or both.

THE PUBLIC AND SEPARATE SCHOOLS

TABLE 9—EDUCATIONAL AND HEALTH EQUIPMENT, 1936-37

Rural Schools	Number of Schools in Operation		Number of Schools in which the following Educational Equipment is supplied free to Pupils						Number of Schools supplied with the following Equipment					
			School Readers		Other Textbooks		Pupils' Work Supplies		Physical Training or Recreational Equipment		Agricultural Equipment		First Aid Equipment	
	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.
In Counties														
Addington	27	1	.....	.....	.....	.....	.....	.....	2	.....	7	1	7	.....
Brant	61	.....	1	.....	1	.....	10	.....	16	.....	20	.....	47	.....
Bruce	165	11	.....	.....	.....	.....	10	.....	39	1	119	10	82	3
Carleton	115	23	.....	.....	.....	.....	6	.....	33	.....	69	9	54	7
Dufferin	89	.....	1	.....	5	.....	3	.....	32	.....	73	.....	31	.....
Dundas	71	1	.....	.....	.....	.....	3	.....	13	.....	46	.....	31	.....
Durham	94	.....	2	.....	2	.....	11	.....	32	.....	66	.....	59	.....
Elgin	105	.....	7	.....	8	.....	15	.....	50	.....	82	.....	79	.....
Essex	113	28	5	.....	5	.....	9	.....	29	9	62	7	69	11
Froutenac	139	10	.....	1	.....	.....	4	.....	13	2	37	4	65	5
Glengarry	72	17	.....	.....	1	.....	.....	.....	3	2	40	4	19	2
Grenville	69	.....	.....	.....	.....	.....	.....	.....	9	.....	41	.....	28	.....
Grey	218	7	.....	.....	2	.....	7	.....	52	1	108	1	106	.....
Haldimand	72	.....	.....	.....	.....	.....	.....	.....	22	.....	38	.....	42	.....
Haliburton	50	.....	2	.....	3	.....	2	.....	4	.....	15	.....	13	.....
Halton	60	.....	2	.....	3	.....	8	.....	17	.....	30	.....	46	.....
Hastings	178	6	8	1	9	.....	20	.....	47	1	68	3	73	2
Huron	183	7	2	1	3	.....	30	.....	62	.....	143	6	85	2
Kent	136	10	2	.....	2	.....	2	.....	45	2	107	4	85	1
Lambton	169	2	2	.....	3	.....	15	.....	56	.....	111	1	95	2
Lanark	120	3	.....	2	.....	.....	11	.....	36	1	75	.....	55	1
Leeds	136	2	.....	.....	.....	.....	1	.....	12	.....	78	1	55	.....
Lennox	83	1	.....	.....	.....	.....	1	.....	4	.....	13	1	49	.....
Lincoln	64	.....	.....	.....	1	.....	12	.....	25	.....	38	.....	49	.....
Middlesex	181	5	.....	.....	3	.....	4	.....	75	.....	152	4	112	2
Norfolk	101	2	.....	.....	.....	.....	3	.....	46	.....	58	1	57	2
Northumberland	106	5	6	1	7	.....	26	.....	33	.....	51	5	73	1
Ontario	119	1	.....	.....	1	.....	.....	.....	34	.....	40	1	75	.....
Oxford	106	.....	.....	.....	1	.....	10	.....	46	.....	95	.....	69	.....
Peel	73	1	2	1	4	.....	5	.....	23	.....	52	1	47	.....
Perth	112	7	2	2	2	.....	2	.....	42	2	65	3	54	4
Peterborough	95	5	1	4	1	.....	7	.....	35	.....	49	4	44	.....
Prescott	49	60	.....	.....	.....	.....	.....	.....	1	.....	11	2	6	3
Prince Edward	71	.....	.....	.....	.....	.....	.....	.....	15	.....	19	.....	45	.....
Renfrew	161	19	.....	3	.....	.....	4	.....	21	1	91	11	52	.....
Russell	25	51	.....	.....	.....	.....	1	.....	4	3	16	2	10	4
Simcoe	215	4	2	.....	3	.....	10	.....	37	1	107	3	103	1
Stormont	76	9	.....	.....	.....	.....	.....	.....	8	1	17	3	33	1
Victoria	100	2	1	.....	1	.....	8	.....	25	.....	44	.....	54	.....
Waterloo	84	7	.....	1	.....	1	25	1	49	3	63	5	46	2
Welland	82	.....	7	.....	7	.....	15	.....	23	.....	40	.....	68	.....
Wellington	142	5	4	.....	5	.....	33	.....	49	.....	101	3	60	1
Wentworth	73	1	.....	.....	.....	.....	4	.....	24	1	47	1	63	1
York	190	14	38	4	41	1	66	8	112	10	129	8	147	13
Totals, Counties	4,750	327	97	21	124	2	403	9	1,355	41	2,733	109	2,542	71
In Districts														
Algoma	91	2	12	.....	8	.....	8	.....	28	.....	39	2	55	1
Cochrane	73	62	13	35	14	33	15	19	11	4	25	.....	36	8
Kenora	35	1	3	.....	3	.....	3	.....	10	.....	16	.....	22	1
Manitoulin	47	1	19	.....	19	.....	2	.....	9	.....	33	.....	32	.....
Muskoka	92	2	2	1	2	1	49	1	22	.....	73	.....	48	1
Nipissing	70	39	3	.....	3	.....	2	.....	5	.....	22	.....	15	1
Parry Sound	118	.....	3	.....	4	.....	14	.....	29	.....	45	.....	38	.....
Rainy River	61	3	13	1	13	1	10	1	18	1	25	1	19	1
Sudbury	101	36	15	5	14	3	11	1	14	2	28	2	21	1
Temiskaming	74	12	7	.....	8	.....	11	.....	17	.....	46	.....	38	.....
Thunder Bay	108	1	36	.....	34	.....	37	.....	26	.....	26	.....	63	.....
Totals, Districts	870	159	126	42	122	38	162	22	189	7	378	5	387	14
Totals, Rural Schools	5,620	486	223	63	246	40	565	31	1,544	48	3,111	114	2,929	85
Percentages, Rural Schools	......	.....	3.97	12.96	4.38	8.23	10.05	6.38	27.47	9.88	55.36	23.46	52.12	17.49

THE PUBLIC AND SEPARATE SCHOOLS

TABLE 9—EDUCATIONAL AND HEALTH EQUIPMENT, 1936-37

Cities	Urban Centres in which one or more of the following Items of Educational Equipment is supplied free to Pupils						Urban Centres whose Schools are supplied with one or more of the following Items of Equipment					
	School Readers		Other Textbooks		Pupils' Work Supplies		Physical Training or Recreational Equipment		Agricultural Equipment		First Aid Equipment	
	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.
In Counties												
Belleville	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	x
Brantford	x	.....	x	.....	x	.....	.....	.....	x	x	x	x
Chatham	.....	.....	.....	.....	x	.....	x	x	x	x	x	x
Galt	x	.....	x	.....	x	.....	.....	.....	x	x	x	x
Guelph	.....	.....	.....	.....	x	.....	x	.....	x	x	x	x
Hamilton	x	.....	x	.....	x	.....	x	x	x	x	x	x
Kingston	x	.....	.....	.....	x	.....	x	x	.....	x	x	x
Kitchener	x	.....	x	.....	x	.....	x	x	x	x	x	x
London	.....	.....	x	.....	x	.....	x	x	x	x	x	x
Niagara Falls	.....	.....	.....	.....	.....	.....	x	x	.....	x	x	x
Oshawa	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	x
Ottawa	x	.....	x	.....	x	.....	x	x	x	x	x	x
Owen Sound	.....	.....	.....	.....	.....	.....	x	x	x	x	x	x
Peterborough	.....	.....	.....	.....	.....	.....	x	.....	x	x	x	x
St. Catharines	x	.....	x	.....	x	.....	x	x	x	x	x	x
St. Thomas	.....	.....	.....	.....	x	.....	x	x	x	x	x	x
Sarnia	.....	.....	.....	.....	.....	.....	x	x	x	x	x	x
Stratford	.....	.....	.....	.....	x	.....	x	x	x	x	x	x
Toronto	x	.....	x	.....	x	x	x	x	x	x	x	x
Welland	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
Windsor	x	x	x	x	x	x	x	x	x	x	x	x
Woodstock	x	.....	x	.....	x	.....	x	.....	.....	.....	x	.....
In Districts												
Fort William	x	.....	x	.....	x	.....	x	.....	x	x	x	x
North Bay	.....	.....	.....	.....	.....	.....	x	x	x	.....	x	x
Port Arthur	.....	.....	.....	.....	x	.....	x	x	x	x	x	x
Sault Ste. Marie	x	.....	x	.....	x	.....	x	.....	x	x	x	x
Sudbury	.....	.....	.....	.....	x	.....	.....	.....	.....	x	x	x
Totals, Cities	12	1	12	1	19	2	24	16	23	22	27	25
Percentages, Cities	44.44	3.85	44.44	3.85	70.37	7.69	88.88	61.54	85.18	84.61	100.00	96.15
Towns—*Counties*												
Alexandria	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Alliston	.....	.....	.....	.....	x	.....	x	.....	x	.....	.....	.....
Almonte	.....	.....	.....	.....	x	.....	.....	.....	x	x	x	x
Amherstburg	.....	.....	.....	.....	.....	.....	x	.....	x	x	x	x
Arnprior	.....	.....	.....	.....	.....	.....	x	x	x	x	x	x
Aurora	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
Aylmer	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Barrie	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	x
Blenheim	.....	.....	.....	.....	.....	.....	x	.....	.....	x	x	x
Bowmanville	.....	.....	x	.....	.....	.....	x	.....	x	.....	x	.....
Brampton	x	.....	x	.....	x	.....	x	.....	x	.....	x	.....
Brockville	.....	.....	.....	.....	x	.....	.....	x	.....	x	x	x
Burlington	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Campbellford	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	x	x
Carleton Place	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Chesley	.....	.....	.....	.....	.....	.....	x	.....	.....	.....	x	.....
Clinton	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	.....	.....
Cobourg	.....	.....	.....	.....	.....	.....	.....	.....	x	x	x	x

THE PUBLIC AND SEPARATE SCHOOLS

TABLE 9—EDUCATIONAL AND HEALTH EQUIPMENT, 1936-37

Towns	Urban Centres in which one or more of the following Items of Educational Equipment is supplied free to Pupils						Urban Centres whose Schools are supplied with one or more of the following Items of Equipment					
	School Readers		Other Textbooks		Pupils' Work Supplies		Physical Training or Recreational Equipment		Agricultural Equipment		First Aid Equipment	
	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.
In Counties												
Collingwood	.....	.....	.....	.....	x	.....	.....	x	.....	x	x	x
Cornwall	.....	.....	.....	.....	.....	.....	x	x	.....	x	x	x
Deseronto	.....	.....	.....	.....	.....	.....	x	.....	.....	.....	x	.....
Dresden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Dundas	.....	.....	.....	.....	.....	.....	x	x	x	x	x	x
Dunnville	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
Eastview	.....	.....	.....	.....	x	.....	.....	.....	.....	.....	x	.....
Elmira	.....	.....	.....	.....	.....	.....	x	.....	x	.....	.....	.....
Essex	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	x	x
Forest	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Fort Erie	x	.....	x	.....	x	.....	.....	.....	.....	.....	x	.....
Gananoque	.....	.....	.....	.....	.....	.....	x	x	x	.....	x	x
Georgetown	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Goderich	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Grimsby	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Hanover	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	x	x
Harriston	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Harrow	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Hawkesbury	.....	.....	.....	.....	.....	.....	.....	x	.....	.....	x	.....
Hespeler	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	x
Ingersoll	.....	.....	.....	.....	.....	.....	x	x	.....	x	x	x
Kincardine	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Kingsville	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
La Salle	.....	.....	.....	.....	.....	.....	x	x	x	.....	x	x
Leamington	.....	.....	.....	.....	.....	.....	x	x	x	x	x	x
Leaside	x	.....	x	.....	x	.....	x	.....	x	.....	x	.....
Lindsay	.....	.....	.....	.....	.....	.....	.....	x	.....	x	x	x
Listowel	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
Meaford	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Merritton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	x
Midland	x	.....	x	.....	.....	.....	.....	x	x	.....	x	x
Milton	.....	.....	.....	.....	.....	.....	x	.....	.....	.....	x	.....
Mimico	.....	.....	.....	.....	.....	.....	x	x	x	.....	x	x
Mitchell	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Mount Forest	.....	.....	.....	.....	x	.....	x	x	x	x	x	.....
Napanee	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Newmarket	.....	.....	.....	.....	.....	.....	x	.....	x	x	x	x
New Toronto	.....	.....	.....	.....	x	.....	x	.....	x	.....	x	.....
Niagara	.....	.....	.....	.....	.....	.....	x	.....	.....	.....	x	.....
Oakville	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	x
Orangeville	.....	.....	.....	.....	x	.....	x	.....	.....	.....	x	.....
Orillia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x
Palmerston	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Paris	.....	.....	.....	.....	.....	.....	x	.....	x	x	x	x
Parkhill	.....	x	.....	.....	.....	.....	x	.....	x	x	x	.....
Pembroke	.....	.....	.....	.....	x	.....	.....	x	x	x	x	x
Penetanguishene	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Perth	.....	.....	.....	.....	.....	.....	x	x	x	x	x	x
Petrolia	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
Picton	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	x
Port Colborne	.....	.....	.....	.....	.....	.....	x	.....	.....	.....	x	.....
Port Hope	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
Prescott	.....	.....	.....	.....	.....	.....	.....	x	x	x	x	x

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TABLE 9—EDUCATIONAL AND HEALTH EQUIPMENT, 1936-37

Towns	Urban Centres in which one or more of the following Items of Educational Equipment is supplied free to Pupils						Urban Centres whose Schools are supplied with one or more of the following Items of Equipment					
	School Readers		Other Textbooks		Pupils' Work Supplies		Physical Training or Recreational Equipment		Agricultural Equipment		First Aid Equipment	
	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.
In Counties												
Preston	x	.....	x	.....	x	.....	x	x	.....	x	x	x
Renfrew	.....	.....	.....	.....	.....	.....	x	.....	x	x	x	x
Ridgetown	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
Riverside	x	.....	x	.....	.....	.....	.....	x	x	.....	x	x
Rockland	.....	.....	.....	.....	x	.....	.....	.....	x	.....	.....	x
St. Mary's	.....	.....	.....	.....	.....	.....	.....	.....	x	x	x	x
Seaforth	.....	.....	.....	.....	x	.....	.....	x	.....	x	x	x
Simcoe	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Smith's Falls	.....	.....	.....	.....	.....	.....	.....	x	x	x	x	x
Southampton	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
Stayner	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Strathroy	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Tecumseh	.....	.....	.....	.....	.....	.....	.....	x	x	.....	x	x
Thornbury	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Thorold	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	x	x
Tilbury	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x
Tillsonburg	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Trenton	.....	.....	.....	.....	x	.....	x	x	x	x	x	.....
Uxbridge	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
Vankleek Hill	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Walkerton	.....	.....	.....	.....	.....	.....	x	x	x	.....	x	.....
Wallaceburg	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	x	x
Waterloo	.....	.....	.....	.....	x	.....	x	.....	x	x	x	x
Weston	.....	.....	.....	.....	x	.....	x	.....	x	.....	x	x
Whitby	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	x	.....
Wiarton	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
Wingham	.....	.....	.....	.....	.....	.....	x	.....	.....	.....	x	.....
In Districts												
Bala	.....	.....	.....	.....	.....	.....	.....	x	.....	.....	.....	x
Blind River	.....	.....	.....	.....	.....	.....	.....	x	.....	.....	.....	x
Bracebridge	.....	.....	.....	.....	x	.....	x	.....	x	.....	x	.....
Bruce Mines	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Capreol	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Charleton	.....	.....	.....	.....	.....	.....	.....	x	x	x	x	x
Chelmsford	.....	.....	.....	.....	.....	.....	.....	x	.....	.....	.....	x
Cobalt	x	.....	x	.....	x	.....	x	x	x	x	x	x
Cochrane	x	.....	x	.....	x	.....	x	.....	x	.....	x	x
Copper Cliff	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Coniston	.....	.....	.....	.....	.....	.....	x	x	.....	x	x	x
Dryden	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
Englehart	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Fort Frances	x	.....	x	.....	x	.....	x	x	x	x	x	x
Gore Bay	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Gravenhurst	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Haileybury	.....	.....	.....	.....	.....	.....	.....	x	x	x	x	x
Hearst	.....	x	.....	x	.....	x	x	.....	x	.....	x	x
Huntsville	.....	.....	.....	.....	x	.....	.....	.....	x	.....	x	.....
Iroquois Falls	.....	.....	.....	.....	x	.....	x	x	x	.....	x	x
Kearney	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Keewatin	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	x	.....
Kenora	.....	.....	.....	.....	.....	.....	x	x	.....	x	x	x
Latchford	.....	.....	.....	.....	.....	.....	x	.....	.....	.....	.....	.....
Little Current	.....	x	.....	.....	.....	.....	.....	x	x	x	x	.....

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TABLE 9—EDUCATIONAL AND HEALTH EQUIPMENT, 1936-37

Towns	Urban Centres in which one or more of the following Items of Educational Equipment is supplied free to Pupils						Urban Centres whose Schools are supplied with one or more of the following Items of Equipment					
	School Readers		Other Textbooks		Pupils' Work Supplies		Physical Training or Recreational Equipment		Agricultural Equipment		First Aid Equipment	
	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.
In Districts												
Massey	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	.....	.....
Mattawa	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x
Matheson	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
New Liskeard	.....	.....	.....	.....	.....	.....	x	x	x	x	x	x
Parry Sound	.....	.....	.....	.....	.....	.....	x	.....	.....	.....	x	.....
Powassan	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Sioux Lookout	.....	.....	.....	.....	.....	.....	x	.....	.....	x	x	.....
Smooth Rock Falls	.....	.....	.....	x	.....	.....	.....	.....	x	.....	x	x
Sturgeon Falls	.....	.....	.....	.....	x	.....	x	.....	.....	.....	x	.....
Timmins	x	.....	x	.....	x	.....	x	.....	x	x	x	x
Trout Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Webbwood	.....	.....	.....	.....	.....	.....	x	.....	.....	.....	.....	.....
Totals, Towns	10	3	11	2	26	1	60	36	75	45	123	58
Percentage, Towns	7.04	3.90	7.75	2.60	18.31	1.30	42.25	46.75	52.82	58.44	86.62	75.32
Villages—*Counties*												
Acton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Ailsa Craig	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Alvinston	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	.....	.....
Arkona	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	.....	.....
Arthur	.....	.....	.....	.....	.....	.....	.....	.....	x	x	x	.....
Athens	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Ayr	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
Bancroft	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	.....	.....
Barry's Bay	.....	.....	.....	.....	.....	.....	.....	.....	x	x	.....	.....
Beamsville	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
Beaverton	.....	.....	.....	.....	.....	.....	x	.....	.....	.....	x	.....
Beeton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Belle River	.....	.....	.....	.....	.....	.....	.....	.....	x	x	x	x
Bloomfield	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
Blyth	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Bobcaygeon	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
Bradford	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
Braeside	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Brighton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Brussels	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	.....	.....
Caledonia	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
Cayuga	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
Chatsworth	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	.....	.....
Chesterville	.....	.....	.....	.....	.....	.....	.....	x	.....	x	x	x
Chippawa	.....	.....	.....	.....	.....	.....	x	.....	.....	.....	x	.....
Clifford	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
Colborne	.....	.....	.....	.....	x	.....	x	.....	x	.....	x	.....
Coldwater	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Courtright	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Creemore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Delhi	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Drayton	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	.....	.....
Dutton	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Eganville	.....	.....	.....	.....	.....	.....	x	x	x	x	x	.....
Elora	.....	.....	.....	.....	x	.....	.....	x	x	.....	x	x

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TABLE 9—EDUCATIONAL AND HEALTH EQUIPMENT, 1936-37

Villages	Urban Centres in which one or more of the following Items of Educational Equipment is supplied free to Pupils						Urban Centres whose Schools are supplied with one or more of the following Items of Equipment					
	School Readers		Other Textbooks		Pupils' Work Supplies		Physical Training or Recreational Equipment		Agricultural Equipment		First Aid Equipment	
	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.
In Counties												
Embro							x		x		x	
Erin									x		x	
Exeter											x	
Fenelon Falls							x				x	
Fergus					x				x		x	x
Flesherton					x							
Fonthill					x		x		x		x	
Forest Hill	x		x		x	x	x	x	x	x	x	x
Frankford							x				x	
Glencoe									x		x	
Grand Valley							x				x	
Hagersville							x		x		x	
Hastings									x			
Havelock							x				x	
Hensall							x		x			
Hepworth							x		x		x	
Humberstone							x				x	
Iroquois											x	
Jarvis											x	
Kemptville							x		x		x	
Lakefield							x				x	
Lanark									x		x	
Lion's Head							x		x		x	
Long Branch	x		x		x		x				x	
L'Orignal							x				x	
Lucknow							x					
Madoc							x					
Markdale									x			
Markham							x		x		x	
Marmora										x	x	
Maxville									x			
Merrickville									x		x	
Mildmay								x	x	x		x
Millbrook											x	
Milverton									x		x	
Morrisburg							x				x	
Neustadt							x		x		x	
Newboro									x			
Newburgh							x		x		x	
Newbury									x		x	
Newcastle											x	
New Hamburg											x	
Norwich							x				x	
Norwood							x		x		x	
Oil Springs									x		x	
Paisley											x	
Point Edward							x		x		x	
Port Credit					x		x		x		x	
Port Dalhousie										x	x	
Port Dover											x	
Port Elgin											x	
Port McNicoll							x		x		x	
Port Perry											x	

THE PUBLIC AND SEPARATE SCHOOLS

TABLE 9—EDUCATIONAL AND HEALTH EQUIPMENT, 1936-37

Villages	Urban Centres in which one or more of the following Items of Educational Equipment is supplied free to Pupils						Urban Centres whose Schools are supplied with one or more of the following Items of Equipment					
	School Readers		Other Textbooks		Pupils' Work Supplies		Physical Training or Recreational Equipment		Agricultural Equipment		First Aid Equipment	
	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.	Pub.	Sep.
In Counties												
Port Rowan	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Port Stanley	.....	.....	.....	.....	x	.....	.....	.....	x	.....	x	.....
Portsmouth	.....	.....	.....	.....	.....	.....	x	.....	.....	.....	x	.....
Richmond Hill	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Ripley	.....	.....	.....	.....	.....	.....	x	.....	x	.....	.....	.....
Rockcliffe	x	.....	x	.....	x	.....	x	.....	x	.....	x	.....
Rodney	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
St. Clair Beach	.....	.....	.....	.....	.....	.....	x	.....	.....	.....	.....	.....
Shallow Lake	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
Shelburne	.....	.....	.....	.....	.....	.....	x	.....	.....	.....	x	.....
Springfield	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Stirling	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
Stoney Creek	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Stouffville	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Streetsville	.....	.....	.....	.....	.....	.....	x	.....	.....	.....	x	.....
Sutton	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Swansea	x	.....	x	.....	x	x	x	x	x	x	x	x
Teeswater	.....	.....	.....	.....	.....	.....	x	.....	x	x	x	.....
Thamesville	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
Thedford	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Thornloe	.....	.....	.....	.....	.....	.....	x	x	.....	.....	x	x
Tiverton	.....	.....	.....	.....	x	.....	.....	.....	.....	.....	x	.....
Tweed	.....	.....	.....	.....	.....	.....	x	x	x	x	x	.....
Victoria Harbour	.....	.....	.....	.....	.....	.....	x	.....	.....	.....	x	.....
Vienna	.....	.....	.....	.....	.....	.....	x	.....	.....	.....	x	.....
Wardsville	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
Waterdown	.....	.....	.....	.....	x	.....	.....	.....	x	.....	x	.....
Waterford	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Watford	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Wellington	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
West Lorne	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
Wheatley	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Winchester	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	.....	.....
Woodbridge	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Woodville	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	.....	.....
Wyoming	.....	.....	.....	.....	.....	.....	x	.....	x	.....	x	.....
Districts												
Burk's Falls	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Rosseau	.....	.....	.....	.....	x	.....	.....	.....	x	.....	x	.....
Port Carling	.....	.....	.....	.....	x	.....	x	.....	x	.....	.....	.....
Port Sydney	.....	.....	.....	.....	x	.....	x	.....	x	.....	x	.....
South River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	x	.....
Sundridge	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	.....	.....
Windermere	.....	.....	.....	.....	.....	.....	.....	.....	x	.....	x	.....
Totals, Villages	4	.....	4	.....	16	2	61	8	81	12	109	8
Percentage, Villages	2.67	.....	2.67	.....	10.67	9.57	40.67	38.10	54.00	57.14	72.67	38.10
Totals, Urban Municipalities	26	4	27	3	61	5	145	60	179	79	259	91
Percentages, Urban Municipalities	8.15	3.23	8.46	2.42	19.12	4.03	45.45	48.37	56.11	63.71	81.19	73.39

THE PUBLIC AND

TABLE 10—SCHOOL HEALTH

A	Municipalities in which School Medical or Nursing Service is Sponsored by the Local Board of Health	Schools	No. of School Children Enrolled †	Personnel					No. of children entering Grade I.	No. of these who had physical examination before entering
				Reg. Nurse	Time	M.D.	D.D.S.	Time		
	Cities									
1	Brantford	P. & S.	4,918	3½	.....	½	1	1	Not	asked for
2	*Hamilton	P. & S.	24,544x	32	.....	6 ½t.	9	½	1,388	.....
3	Fort William	S.	.....	.....	.....	.....	.....	.....	.....	.....
4	*Kitchener	P. & S.	5,737	6	.....	½	1	f.t.	Not	asked for
5	*North Bay	P. & S.	3,038	2	.....	.....	.....	.....	404	174
6	*Oshawa	P. & S.	4,455	4	.....	2 ½t.	‡	½	567	20 pres. 90 kinder.
7	Ottawa	S.	11,593	13	.....	.....	.....	.....	1,441	.....
8	Port Arthur	P. & S.	3,080	2	.....	.....	‡	.....	367	.....
9	*St. Catharines	P. & S.	4,366	5	.....	½	1¼	1	471	.....
10	*St. Thomas	P. & S.	2,118	2	.....	.....	‡	.....	192	.....
11	*Sarnia	P. & S.	2,869	3	.....	.....	‡	.....	443	39
12	*Stratford	P. & S.	2,579	2	.....	.....	1	½	269	97
13	*Toronto	P. & S.	96,154	107	.....	9	34	7f.t. 27p.t.	9,563	.....
14	*Woodstock	P. & S.	1,553	2	.....	.....	.....	.....	279	121
	Suburban									
1	*York, East	P. & S.	6,173	4	.....	.....	.....	.....	841	19
	Towns									
1	*Bowmanville	P.	541	1	.....	.....	.....	.....	62	62
2	*Burlington	P.	525	1	.....	¼	.....	.....	49	20
3	*Cochrane	P. & S.	701	1	.....	.....	.....	.....	78	56
4	Cornwall	P. & S.	3,706	1	.....	.....	.....	.....	599	.....
5	*Dryden(A)	P.	438	1	.....	.....	.....	.....	62	.....
6	*Dundas(B)	S.	117	1	.....	.....	‡	.....	14	.....
7	*Elmira	P. & S.	383	1	.....	.....	.....	.....	36	32
8	*Fort Frances	P. & S.	1,357	1	.....	.....	‡	.....	88	.....
9	*Haileybury	P. & S.	449	1	.....	.....	.....	.....	57	.....
10	*Ingersoll	P. & S.	810	1	.....	¼	‡	.....	88	52
11	*Kirkland Lake (Teck Twp.)	P. & S.	3,186	2	.....	.....	‡	.....	568	.....
12	*Lindsay	P. & S.	1,042	1	.....	.....	.....	.....	120	41
13	*Midland	P. & S.	1,228	1	.....	.....	‡	.....	175	94
14	*New Toronto	P.	1,190	1	.....	¼	‡	.....	157	.....
15	*Oakville(c)	P. & S.	945	1	.....	.....	.....	.....	73	59
16	*Orillia	P. & S.	1,629	1	.....	.....	.....	.....	163	.....
17	*Paris	P. & S.	630	1	.....	.....	.....	.....	64	20
18	*Penetanguishene	P. & S.	.....	.....	.....	.....	.....	.....	.....	.....
19	*Perth	P. & S.	607	1	.....	.....	‡	.....	75	10
20	Port Colborne	P.	1,474	1	.....	.....	.....	.....	180	38
21	*Renfrew	P. & S.	1,007	1	.....	.....	.....	.....	121	28
22	*St. Mary's (Oct. 1-Dec. 31)	P. & S.	466	1	.....	.....	‡	.....	.....	.....
23	*Simcoe	P.	860	1	.....	.....	‡	.....	86	11
24	*Strathroy	P.	416	1	.....	.....	.....	.....	52	26
25	*Timmins	P. & S.	4,774	2	.....	.....	.....	.....	914	.....
26	*Wallaceburg	P. & S.	1,011	1	.....	.....	‡	.....	127	.....
27	*Weston	P. & S.	894	1	.....	.....	‡	.....	144	63
	Villages									
1	*Forest Hill	P.	1,152	1	.....	¼	‡	¼	80	.....
2	*Swansea	P.	650	1	.....	¼	‡	.....	82	35 app.
	Part Time									
1	*Gananoque	P.	560	1	½	.....	.....	.....	72	42
	Rural Units									
1	*Ayr, North & South Dumfries	P.	758	1	.....	.....	.....	.....	115	81
2	Etobicoke Twp., Lambton Mills, Islington	P.	750	1	.....	.....	‡	.....	116	88
3	Tecumseh and E. Sandwich	P. & S.	1,798	1	.....	.....	.....	.....	234	31
4	*York North Twp.	P. & S.	2,666	1	.....	2 ¼t.	‡	.....	.....	.....
	Totals		211,897	.....	.....	.....	.....	.....	21,076	1,339

*Generalized service of which school nursing service is a part.
†Child Welfare Branch Estimate.
‡In D.D.S. column means some dental work done by service clubs or other private agencies.
(A) Assisted by Red Cross.
(B) Salary paid by private individual.
(c) Includes S.S. 12, 13, 16, 18, Trafalgar Twp. (Part time service).
(x) Includes High School.
(z) Total termination.

SEPARATE SCHOOLS

INSPECTION, 1937

	No. of defects (other than dental) requiring correction found, 1937	No. of these defects corrected, 1937	Dental defects, children, 1937	Dental correction, children, 1937	No. excluded on account of communicable disease	No. of Grade VIII children completing course during year, 1937	No. of these leaving with uncorrected defects other than dental	Vision	Hearing	Tonsils	Defective nasal breathing	Others
1	....	409	....	852	515	This in	formation	was	not	asked	for.	
2	31,700	5,528	14,801	6,302	1,554	This in	formation	was	not	asked	for.	
3	....	....	....	....	....	....	....	......	......	......	......	......
4	938	353	3,543	2,000	633	This in	formation	was	not	asked	for.	
5	389	45	770	418	16	295	95	7	3	78	26	11
6	51	....	1,158	667	90	442	112	14	1	146	39	92
7	420	158	3,936	1,070	133	....	....	......	......	......	......	......
8	217	39	322	85	118	315	71	10	......	39	9	13
9	531	40	657	829	110	....	12	79	4	76	31	26
10	237	122	463	335	37	248	49	3	2	27	8	15
11	242	75	....	493	144	299	88	11	2	67	28	......
12	191	111	472	370	50	304	59	12	......	45	5	1
13	12,723	1,991	66,656	40,202	1,353	12,600 app.	This infor	mation	was	not	asked	for.
14	132	129	274	246	27	205	....	5	1	38	16	1
1	598	245	1,458	408	373	659	105	21	6	43	25	10
1	38	....	110	63	....	58	17	1	......	11	1	4
2	74	16	258	50	22	62	9	......	......	8	9	......
3	47	2	57	45	....	80	....	......	......	......	......	......
4	223	120	395	350	42	269	75	12	15	25	14	34
5	75	4	236	66	48	40	19	2	......	10	1	13
6	5	4	19	19	....	5	2	......	......	......	......	2
7	22	7	127	50	91	44	25	......	......	8	8	9
8	64	25	792	172	30	168	43	1	2	37	26	8
9	81	30	92	38	55	46	11	3	1	8	1	2
10	130	29	32	29	32	62	19	8	3	8	5	2
11	261	91	449	201	120	204	39	12	3	13	6	3
12	106	33	167	30	19	65	8	......	......	5	3	......
13	56	12	615	151	9	32	28	2	......	21	4	1
14	109	33	780	197	33	91	59	3	......	33	2	4
15	40	40	519	204	29	43	5	......	......	5	......	......
16	54	2	1,280	56	....	....	....	......	......	......	......	......
17	54	25	82	52	121	58	7	......	1	1	2	3
18	....	....	....	....	....	....	....	......	......	......	......	......
19	9	9	433	68	20	....	....	......	......	......	......	......
20	77	12	80	35	15	108	21	3	......	12	11	4
21	106	16	550	138	168	133	57	11	......	34	10	7
22	89	....	8	4	2	....	....	......	......	......	......	......
23	128	43	....	260	14	81	14	......	......	14	2	3
24	17	1	39	35	144	43	3	......	......	3	......	......
25	145	....	131	61	15	501	163	16	11	81	35	20
26	58	25	95	66	143	56	25	2	1	18	5	13
27	244	18	37	36	....	96	26	2	......	2	1	21
1	30	....	785	106	5	....	....	......	......	......	......	......
2	303	19	310	99	26	76	5	......	......	5	......	......
1	5	....	409	....	14	41	10	2	1	8	3	......
1	124	65	313	147	28	....	....	......	......	......	......	......
2	75	....	469	310	126	72	8	......	......	8	8	......
3	109	42	181	58	53	140	51	10	1	17	14	9
4	96	....	40	5	6	....	....	......	......	......	......	......
	51,423	9,968	104,400	57,478	6,583	18,041	1,340	252	58	954	358	331

THE PUBLIC AND

TABLE 10—SCHOOL HEALTH

B	Municipalities in which School Medical or Nursing Service is Sponsored by the Local School Boards	Schools	No. of School Children Enrolled †	Personnel					No. of children entering Grade I.	No. of these who had physical examination before entering
				Reg. Nurse	M.D.	Time	D.D.S.	Time		
	Cities									
1	Belleville	P.	1,827	1			1	½	209	29
2	Chatham	P.	2,000	1			‡		190	19 app.
3	Fort William	P.	3,207	3					359	
4	Galt	P. & S.	2,038	1	1	½	‡		228	
5	Guelph	P.	2,573	1			‡		319	
6	Kingston	P.	2,866	2			Hosp.	clin.	303	
7	London	P.	9,200	6	1		6	½	Not	asked for
8	London	S.	1,238	1					116	
9	Niagara Falls	P. & S.	2,597	2			‡		327	46
10	Ottawa	P.	9,914	5	1	full	1	½	Not	asked for
11	Owen Sound	P. & S.	2,240	2			½		231	83
12	Peterborough	P.	2,780	2	1	½	1	½	Not	asked for
13	Sault Ste. Marie	P.	3,069	2			‡		375	
14	Sudbury	P.	2,100	1			‡		373	
15	Sudbury	S.	2,217	1			‡		375	
16	Welland	P.	1,907	1			‡		193	
17	Windsor	P.	22,865x	10	1	f.t.	2	f.t.	Not	asked for
					3	p.t.	1	p.t.		
	Suburban									
1	York Twp.	P.	11,106	7	1	½	6	½	Not	asked for
	Towns									
1	Barrie	P. & S.	1,260	1			‡		132	
2	Brockville	P.	1,286	1			‡	¼	171	
3	Collingwood	P.	745	1						38
4	Long Branch	P.	857	1			‡		119	86
5	Mimico	P. & S.	1,380	1			‡		165	15
6	Pembroke	P.	1,121	1					189	55
7	Pembroke	S.	936	1					106	33
8	Waterloo	P. & S.	1.509	1			‡		155	104
	Part Time Services									
1	Brant Co.	P.	565	1					109	
2	Brockville	S.	325	¼			‡	¼	26	
3	Etobicoke, Humber Bay	P.	530	½					68	
4	Georgetown	P.	306	¼			‡		38	5
5	Guelph	S.	898	½					95	
6	Kingston	S.	982	¼			‡		104	10
7	Riverside	P.								
8	Scarboro Twp., S.S. No. 13	P.	500	¼					71	2
9	Scarboro, No. 15	P.	600	½					40	14
10	Southampton	P.	213	¼					36	
11	Trafalgar (D)									
12	Trenton	P.	1,000 app.	½			‡		110	18
13	Wiarton	P.								
	Rural Units									
1	Carleton Co., (Nepean Twp.)	P.	1,363	1					113	
2	Haldimand (Dunnville)	P.	1,142	1					119	
3	Lincoln East	P.	1,650	1			‡		207	
4	Lincoln West	P. & S.	1,935	1					236	
5	Peel Co., (Brampton)	P.	1,476	1					180	30
6	Welland Co., (Stamford, Willoughby, Chippawa)	P.	1,712	1			‡		191	24
7	Welland Co., (Thorold)	P. & S.	1,477	1			‡		97	
8	Welland Co., (Fort Erie)	P.	775	1					66	
9	WellandCo., (Fort Erie N.)	P.	1,040	1					79	33
10	Wentworth Co.	P.	2,474	2			‡		106	
11	York Co., (Etobicoke pt.)	P.	526	½					74	33
12	York Co., (Scarboro, S.S. No. 10, 12)	P.	1,688	1					236	12
	Totals		118,015						7,036	689

†Child Welfare Branch Estimate.
‡In D.D.S. column means some dental work done by service clubs or other private agencies.
(x)Includes High School. (z)Total termination.
(D) S.S. 12, 13, 16, 18, included in report for Oakville. (See page 000.)

SEPARATE SCHOOLS

INSPECTION, 1937

	No. of defects (other than dental) requiring correction found, 1937	No. of these defects corrected, 1937	Dental defects, children, 1937	Dental correction, children, 1937	No. excluded on account of communicable disease	No. of Grade VIII children completing course during year, 1937	No. of these leaving with uncorrected defects other than dental	Vision	Hearing	Tonsils	Defective nasal breathing	Others
1	128	35	1,330	572	....	184	38	4	2	30	2	......
2	140	104	684	410	25	162	8	3	1	4	5	......
3	401	89	553	279	331	340	76	20	2	58	25	9
4	175	57	184	191	20	215	15	......	2	13	......	2
5	221	60	179	179	49	240	74	......	......	8	4	1
6	353	132	2,241	522	332	325	54	5	......	33	5	24
7	2,136	93	4,110	4,086	867	This in	formation	not	asked	for.		
8	62	24	327	95	108	154	16	3	......	10	3	......
9	284	139	503	268	130	340	29	6	1	16	11	......
10	3,520	3,645z	2,264	1,571	359	This in	formation	not	asked	for.		
11	147	45	1,391	497	135	180	67	2	1	39	30	2
12	383	141	1,813	752	80	This in	formation	not	asked	for.		
13	166	34	288	288	779	284	105	17	1	67	13	7
14	199	136	902	456	250	234	75	8	8	23	20	18
15	28	3	267	176	20	146	3	......	......	2	1	......
16	123	17	149	149	56	147	26	2	1	19	6	3
17	1,549	605	4,613	4,199	498	This in	formation	not	asked	for.		
1	1,448	181	7,759	5,268	129	This in	formation	not	asked	for.		
1	60	19	74	31	308	150	17	1	1	11	6	1
2	63	35	....	196	363	103	24	8	1	12	3	2
3	29	....	40	....	12	40	2	......	......	......	......	......
4	127	34	667	284	73	80	19	2	1	14	7	7
5	165	64	754	329	74	126	34	5	1	24	11	10
6	471	81	770	468	399	110	9	2	......	7	7	......
7	72	11	738	46	249	40	20	3	1	4	3	9
8	113	59	326	323	33	177	37	7	3	33	4	2
1	41	21	79	30	42	....	....	......	......	......	......	......
2	15	....	62	32	28	43	4	1	......	3	......	9
3	45	13	100	37	7	41	10	......	......	10	10	......
4	23	16	203	143	....	35	3	......	......	2	1	......
5	8	....	150	6	6	75	....	......	......	......	......	......
6	131	39	246	182	27	86	23	5	1	10	3	17
7	....	....	....	....	....	....	....	......	......	......	......	......
8	49	41	35	10	....	30	....	2	2	5	......	2
9	18	6	128	40	6	39	....	......	......	......	......	......
10	26	....	150	35	....	9	1	......	......	1	1	......
11	....	....	....	....	....	....	....	......	......	......	......	......
12	26	16	128	122	22	70	10	2	1	5	2	......
13	....	....	....	....	....	....	....	......	......	......	......	......
1	101	39	160	80	157	151	36	8	......	23	12	......
2	87	35	163	113	....	91	16	......	1	15	13	1
3	306	101	268	115	24	136	28	4	......	12	12	......
4	210	70	225	225	72	127	29	3	......	26	22	......
5	....	....	404	155	76	129	44	4	1	39	11	10
6	45	36	422	306	36	180	3	......	......	3	3	......
7	80	29	620	256	17	187	45	5	2	28	10	13
8	62	14	67	33	15	19	7	1	......	5	5	1
9	64	29	411	165	103	82	13	4	......	6	3	......
10	167	67	279	209	220	63	18	......	......	......	......	......
11	119	69	265	109	57	51	17	1	2	5	5	4
12	241	28	678	78	29	145	83	27	4	72	60	11
	14,427	6,512	38,169	24,116	6,623	5,566	1,138	165	41	697	339	165

THE PUBLIC AND

TABLE 10—SCHOOL HEALTH

C Municipalities in which School Nursing Service is paid for by School Boards, and given by V.O.N.		No. of School Children Enrolled †	Personnel					No. of children entering Grade I.	No. of these who had physical examination before entering
			Reg. Nurse	M.D.	Time	D.D.S.	Time		
Municipality	Schools								
1 Braeside	P.	104	1	⅛	....	‡	....	11	10
2 Broughdale and Manor Park	P.	79	2	nurses'	¼	....	....	8	2
3 Cobalt	P. & S.	755	1	"	½	‡	....	91	6
4 Dundas	P.	640	1	"	¼	....	....	76	....
5 Eastview	P.	215	1	"	¼	....	....	41	....
6 Huntsville	P.	450	1	"	½	....	....	46	26
7 Napanee	P.	447	1	"	½	‡	....	54	....
8 Nelson Twp.	P.	200	1	"	¼	....	....	35	26
9 New Liskeard	P. & S.	600	1	"	½	....	....	98	....
10 Point Edward	P.	191	1	"	¼	....	....	23	....
11 Preston	P.	700	1	"	½	....	....	80	50
12 Walkerton (Sept. 1937)	P. & S.	415	1	"	¼	....	....	60	....
13 Westminister Twp.	P.	175	1	"	¼	....	....	20	....
14 Whitby	P. & S.	512	1	"	½	‡	....	58	....
Totals		5,483	....	....	....	....	....	701	120
Services by Visiting Nurse Association									
1 Hespeler	P. & S.	485	1	"	½	‡	....	44	....
Private Agency Sponsoring Nursing Service									
1 Schumacher	P.	675	1	"	....	‡	....	130	....
2 South Porcupine	P.	733	1	....	....	....	....	89	....
Totals		1,408	....	....	....	....	....	219	....
D Municipalities in which School Nursing Service is given by Red Cross from Outposts									
1 Apsley	P., 15	233	¼	....	....	....	....	37	7
2 Armstrong and Ignace	P., 2	170	¼	....	....	....	....	....	....
3 Atikokan	P.	....	....	....	....	....	....	....	....
4 Bancroft	P., 1	225	¼	....	....	....	....	36	....
5 Coe Hill	P., 14	252	¼	....	....	....	....	26	....
6 Callander		....	....	....	....	....	....	....	....
7 Hawk Junction	P., 7	195	¼	....	....	....	....	....	....
8 Haliburton		....	....	....	....	....	....	....	....
9 Hornepayne	P., 1	185	....	....	....	....	....	30	30
10 Jellicoe		....	....	....	....	....	....	....	....
11 Kakabeka Falls	P., 55	1,401	¼	....	....	....	....	....	....
12 Lion's Head	P., 18	511	¼	....	....	....	....	87	....
13 Mindemoya		....	....	....	....	....	....	....	....
14 Nakina		....	....	....	....	....	....	....	....
15 Port Loring	P., 6	203	¼	....	....	....	....	33	27
16 Quibell		....	....	....	....	....	....	....	....
17 Rainy River	P., 12	280	¼	....	....	‡	....	22	8
18 Redditt	P.	107	¼	....	....	....	....	10	10
19 St. Joseph's Island		....	....	....	....	....	....	....	....
20 Thessalon	P.	160	No Public Health Nurse at present, December, 1937						
21 Whitney	P., 8, S., 1	273	¼	....	....	....	....	30	....
22 Wilberforce	P., 11	296	¼	....	....	....	....	20	....
23 R.C. Car—Armstrong		....	....	....	....	....	....	....	....
24 Toronto Twp., Port Credit	P., 4	480	½	....	....	....	....	52	....
Totals		4,971	....	....	....	....	....	383	82
Grand Totals		342,259	....	....	....	....	....	29,459	2,230

†Child Welfare Branch Estimate.
‡In D.D.S. column means some dental work done by service clubs or other private agencies.

SEPARATE SCHOOLS

INSPECTION, 1937

	No. of defects (other than dental) requiring correction found, 1937	No. of these defects corrected, 1937	Dental defects, children, 1937	Dental correction, children, 1937	No. excluded on account of communicable disease	No. of Grade VIII children completing course during year, 1937	No. of these leaving with uncorrected defects other than dental	Vision	Hearing	Tonsils	Defective nasal breathing	Others
1	13	1	161	14	42	11	2	......	......	2	......	......
2	2	....	12	10	3	7	2	1	......	1	......	......
3	180	83	270	250	56	79	5	1	......	4	......	......
4	28	16	138	43	....	56	15	......	......	15	1	......
5	26	2	150	5	2	20	5	......	......	5	......	......
6	16	....	20	16	16	41	6	2	......	6	2	......
7	20	10	78	57	20	35	1	1	......	......	......	......
8	49	14	29	22	11	26	4	......	......	4	......	......
9	73	22	115	35	17	75	15	6	......	7	1	1
10	30	5	72	23	41	19	4	......	......	3	......	1
11	29	28	36	42	....	97	8	3	......	4	2	......
12	30	5	32	6	....	....	....	......	......	......	......	......
13	4	3	57	13	....	14	1	......	......	1	......	......
14	25	19	40	33	7	57	18	......	......	5	4	13
	525	208	1,210	569	215	537	86	14	......	57	10	15
1	47	....	74	....	....	61	27	2	......	14	......	......
1	32	21	403	209	25	60	27	1	......	20	......	15
2	297	27	335	65	10	38	16	1	......	12	1	8
	329	48	738	274	35	98	43	2	......	32	1	23
1	7	7	157	15	20	32	....	......	......	......	......	......
2	....	....	....	....	....	....	....	......	......	......	......	......
3	....	....	....	....	....	....	....	......	......	......	......	......
4	18	2	....	25	3	25	8	2	......	4	......	2
5	120	30	100	....	....	8	....	2	......	......	......	......
6	....	....	....	....	....	....	....	......	......	......	......	......
7	94	....	110	....	....	....	....	......	......	......	......	......
8	....	....	....	....	....	....	....	......	......	......	......	......
9	....	....	40	....	....	16	....	......	......	......	......	......
10	....	....	....	....	....	....	....	......	......	......	......	......
11	181	....	140	15	17	....	....	......	......	......	......	......
12	30	2	156	50	....	....	....	......	......	......	......	......
13	....	....	....	....	....	....	....	......	......	......	......	......
14	....	....	....	....	....	....	....	......	......	......	......	......
15	10	....	64	....	3	21	4	2	......	2	......	......
16	....	....	....	....	....	....	....	......	......	......	......	......
17	41	19	76	32	47	21	11	4	......	3	3	3
18	....	....	49	1	....	5	....	......	......	......	......	......
19	....	....	....	....	....	....	....	......	......	......	......	......
20	....	....	....	....	....	....	....	......	......	......	......	......
21	10	1	46	8	....	....	....	......	......	......	......	......
22	13	....	160	16	....	24	9	1	......	6	1	3
23	....	....	....	....	....	....	....	......	......	......	......	......
24	67	3	45	....	....	....	....	......	......	......	......	......
	591	64	1,143	162	90	152	32	11	......	15	4	8
	67,342	16,800	145,734	82,599	13,546	24,455	2,666	446	99	1,769	712	542

THE PUBLIC SCHOOLS

TABLE 11—AGE-GRADE DISTRIBUTION, MAY, 1937

(A) ALL SCHOOLS

		Under 5 yrs.	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs	18 yrs.	19 yrs. and over	Totals	Grade Totals	Per-cent of Total Enrolment	Average Age		Average Increment of Age between Grades		
																					By Sex	Average		By Sex	Average
Kindergarten...	Boys	48	4056	3334	184	3	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	7627	14912	3.27	5.98	5.98			
	Girls	16	3884	3198	176	7	.....	3	1	.....	.....	.....	.....	.....	.....	.....	.....	7285			5.99				
Kindergarten Primary.....	Boys	4	1260	3527	1810	477	144	65	24	5	12	1	.....	.....	.....	.....	.....	7329	14010	3.08	6.83	6.77			
	Girls	8	1366	3309	1521	378	75	31	14	4	5	.....	.....	.....	.....	.....	.....	6711			6.70				
GRADE I.....	Boys	8	1050	11839	15484	5782	1802	589	221	113	46	21	9	4	2	.....	.....	36970	69776	15.32	7.48	7.41			
	Girls	52	1251	11489	13879	4353	1177	346	134	62	36	20	5	2	.....	.....	.....	32806			7.34				
GRADE II....	Boys	.....	12	355	7093	12195	6166	2359	813	326	140	70	15	9	2	.....	.....	29555	55567	12.20	8.77	8.65	Form I, Jr. to Form I, Sr.	1.29	1.24
	Girls	1	38	552	8085	10904	4436	1320	421	156	63	21	10	5	.....	.....	.....	26012			8.51			1.17	
GRADE III...	Boys	.....	.....	14	362	3799	6038	3169	1411	642	285	89	26	6	2	.....	.....	15843	30688	6.74	9.82	9.71	Form I, Sr. to Form II, Jr.	1.05	1.06
	Girls	.....	.....	15	568	4328	5738	2339	1380	313	109	33	14	5	.....	3	.....	14845			9.59			1.08	
GRADE IV...	Boys	.....	.....	1	76	2819	7680	6238	3497	1612	687	222	65	12	8	.....	.....	22917	43742	9.61	10.35	10.20	Form II, Jr. to Form II, Sr.	.53	.49
	Girls	.....	.....	1	139	3506	8116	5161	2436	921	369	120	43	6	6	.....	1	20825			10.05			.46	
GRADE V....	Boys	.....	.....	.....	4	158	3761	9405	8301	4873	2586	1042	306	63	4	4	1	30508	58844	12.92	11.41	11.25	Form II, Sr. to Form III, Jr.	1.06	1.05
	Girls	.....	.....	.....	3	232	5168	10259	6800	3584	1549	548	156	33	4	.....	.....	28336			11.07			1.02	
GRADE VI...	Boys	.....	.....	.....	.....	7	280	3870	8688	7362	4720	2526	917	135	13	6	2	28526	56271	12.36	12.35	12.21	Form III, Jr. to Form III, Sr.	.94	.96
	Girls	.....	.....	.....	.....	18	425	4938	9662	6896	3586	1584	558	71	7	.....	.....	27745			12.06			.99	
GRADE VII..	Boys	.....	.....	.....	.....	.....	8	324	3559	8983	7014	4618	2269	417	49	7	3	27251	53271	11.70	13.26	13.15	Form III, Sr. to Form IV, Jr.	.91	.94
	Girls	.....	.....	.....	.....	1	23	438	4500	9048	6642	3624	1445	267	25	7	.....	26020			13.04			.98	
GRADE VIII..	Boys	.....	.....	.....	.....	.....	1	15	316	3386	7714	6610	4055	1272	198	27	4	23598	48745	10.70	14.15	14.04	Form IV, Jr. to Form IV, Sr.	.89	.89
	Girls	.....	.....	.....	.....	.....	2	39	597	4608	8769	6668	3475	842	130	13	4	25147			13.93			.89	
GRADE IX...	Boys	.....	.....	.....	.....	.....	.....	.....	2	85	410	615	423	181	45	12	5	1778	4411	.98	14.73	14.73	Form IV, Sr. to Form V, Jr.	.58	.69
	Girls	.....	.....	.....	.....	.....	.....	.....	8	147	599	884	670	255	76	10	14	2663			14.73			.80	
GRADE X....	Boys	.....	.....	.....	.....	.....	.....	.....	.....	6	31	138	190	129	49	17	7	567	1660	.36	15.66	15.74	Form V, Jr. to Form V, Sr.	.93	1.01
	Girls	.....	.....	.....	.....	.....	.....	.....	1	9	62	215	349	287	127	35	8	1093			15.78			1.05	
JR. AUXILIARY CLASSES.....	Boys	.....	.....	5	21	87	188	214	290	358	338	289	330	121	30	9	4	2284	3408	.76	12.88	12.76	....	.....	.....
	Girls	.....	.....	5	20	54	87	116	169	189	183	137	107	33	22	1	1	1124			12.52		....	.....	
TOTALS BY SEXES.....	Boys	60	6378	19075	25031	25327	26069	26249	27122	27751	23983	16241	8605	2349	402	82	26	234753	....	......	......	......	Average.......	.91	.92
	Girls	77	6539	18569	21391	23781	25247	24990	26123	25937	21972	13854	6832	1806	397	69	28	220612	....	......	......	......		.91	
GRAND TOTALS.	.....	137	12917	37644	49125	49108	51316	51239	53245	53688	45955	30095	15137	4155	799	151	54	455365							

Heavy lines denote ideal age spread for each grade.

(B) URBAN SCHOOLS

		Under 5 years	5 years	6 years	7 years	8 years	9 years	10 years	11 years	12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years and over	Totals	Totals by Grades
Kindergarten	Boys	48	4,025	3,280	166	1	1	1	......	......	......	......	......	......	......	......	......	7,522	14,724
	Girls	16	3,846	3,168	162	6	......	3	1	......	......	......	......	......	......	......	......	7,202	
Kindergarten-Primary	Boys	1	975	2,465	963	183	39	15	4	1	4	......	......	......	......	......	......	4,650	9,042
	Girls	4	1,048	2,350	809	152	19	7	3	......	......	......	......	......	......	......	......	4,392	
GRADE I	Boys	......	199	6,154	9,043	2,940	745	193	57	28	10	4	3	1	1	......	......	19,378	36,952
	Girls	27	322	6,138	8,251	2,158	479	123	40	19	11	2	2	2	......	......	......	17,574	
GRADE II	Boys	......	1	131	4,335	7,472	3,638	1,290	406	136	53	28	6	2	1	......	......	17,499	32,973
	Girls	......	......	198	4,957	6,620	2,668	724	202	66	27	7	3	2	......	......	......	15,474	
GRADE III	Boys	......	......	2	93	1,942	3,101	1,584	682	274	98	34	10	3	1	......	......	7,824	15,582
	Girls	......	......	2	169	2,262	3,060	1,164	913	132	41	7	4	2	......	2	......	7,758	
GRADE IV	Boys	......	......	......	32	1,785	4,678	3,702	1,971	883	331	97	38	8	5	......	......	13,530	26,148
	Girls	......	......	......	67	2,166	5,097	3,086	1,440	500	190	52	18	1	1	......	......	12,618	
GRADE V	Boys	......	......	......	......	55	2,244	5,512	4,440	2,782	1,506	588	176	27	3	3	......	17,336	33,968
	Girls	......	......	......	......	102	2,988	6,055	4,004	2,148	919	308	93	14	1	......	......	16,632	
GRADE VI	Boys	......	......	......	......	......	127	2,258	5,155	4,320	2,900	1,623	629	89	8	4	1	17,114	33,774
	Girls	......	......	......	......	4	161	2,828	5,698	4,197	2,222	1,081	414	50	5	......	......	16,660	
GRADE VII	Boys	......	......	......	......	......	1	141	2,072	4,880	4,116	3,018	1,624	312	39	5	2	16,210	32,272
	Girls	......	......	......	......	......	2	209	2,594	5,385	4,046	2,478	1,130	193	19	6	......	16,062	
GRADE VIII	Boys	......	......	......	......	......	......	4	132	1,893	4.424	3,870	2,672	848	140	23	4	14,010	28,738
	Girls	......	......	......	......	......	......	8	246	2,496	4.986	3,998	2,318	572	90	11	3	14,728	
GRADE IX	Boys	......	......	......	......	......	......	......	......	34	178	293	201	106	23	7	4	846	2,107
	Girls	......	......	......	......	......	......	......	1	54	235	386	363	148	54	8	12	1,261	
GRADE X	Boys	......	......	......	......	......	......	......	......	......	3	30	66	50	21	8	4	182	645
	Girls	......	......	......	......	......	......	......	......	......	10	42	139	155	82	29	6	463	
JR. AUXILIARY CLASSES	Boys	......	......	3	19	77	176	197	266	341	305	269	311	115	28	9	4	2.120	3,145
	Girls	......	......	5	19	46	75	110	160	174	168	118	96	31	21	1	1	1,025	
TOTALS BY SEXES	Boys	49	5,200	12,035	14,651	14,455	14,750	14,897	15,185	15,572	13,928	9,854	5,736	1,561	270	59	19	138,221	....
	Girls	47	5,216	11,861	14,434	13.516	14,549	14.317	15,302	15,171	12,855	8,479	4,580	1,170	273	57	22	131,849	....
GRAND TOTALS	....	96	10,416	23,896	29,085	27,971	29,299	29,214	30,487	30,743	26,783	18,333	10,316	2,731	543	116	41	270,070	....

(C) RURAL SCHOOLS

		Under 5 years	5 years	6 years	7 years	8 years	9 years	10 years	11 years	12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years and over	Totals	Totals by Grades
Kindergaretn	Boys	......	31	54	18	2	......	......	......	......	......	......	......	......	......	......	......	105	188
	Girls	......	38	30	14	1	......	......	......	......	......	......	......	......	......	......	......	83	
Kindergarten-Primary	Boys	3	285	1,062	847	294	105	50	20	4	8	1	......	......	......	......	......	2,679	4,998
	Girls	4	318	959	712	226	56	24	11	4	5	......	......	......	......	......	......	2,319	
GRADE I	Boys	8	851	5,685	6,441	2,842	1,057	396	164	85	36	17	6	3	1	......	......	17,592	32,824
	Girls	25	929	5,351	5,628	2,195	698	223	94	43	25	18	3	......	......	......	......	15,232	
GRADE II	Boys	......	11	224	2,758	4,723	2,528	1,069	407	190	87	42	9	7	1	......	......	12,056	22,594
	Girls	1	38	354	3,128	4,284	1,768	596	219	90	36	14	7	3	......	......	......	10,538	
GRADE III	Boys	......	......	12	269	1,857	2,937	1,585	729	368	187	55	16	3	1	......	......	8,019	15,106
	Girls	......	......	13	399	2,066	2,678	1,175	467	181	68	26	10	3	......	1	......	7,087	
GRADE IV	Boys	......	......	1	44	1,034	3,002	2,536	1,526	729	356	125	27	4	3	......	......	9,387	17,594
	Girls	......	......	1	72	1,340	3,019	2,075	996	421	179	68	25	5	5	......	1	8,207	
GRADE V	Boys	......	......	......	4	103	1,517	3,893	3,861	2,091	1,080	454	130	36	1	1	1	13,172	24,876
	Girls	......	......	......	3	130	2,180	4,204	2,796	1,436	630	240	63	19	3	......	......	11,704	
GRADE VI	Boys	......	......	......	......	7	153	1,612	3,533	3,042	1,820	903	288	46	5	2	1	11,412	22,497
	Girls	......	......	......	......	14	264	2,110	3,964	2,699	1,364	503	144	21	2	......	......	11,085	
GRADE VII	Boys	......	......	......	......	......	7	183	1,487	4,103	2,898	1,600	645	105	10	2	1	11,041	20,999
	Girls	......	......	......	......	1	21	229	1,906	3,663	2,596	1,146	315	74	6	1	......	9,958	
GRADE VIII	Boys	......	......	......	......	......	1	11	184	1,193	3,290	2,740	1,383	424	58	1	......	9,588	20,007
	Girls	......	......	......	......	......	2	31	351	2,112	3,783	2,670	1,157	270	40	2	1	10,419	
GRADE IX	Boys	......	......	......	......	......	......	......	2	51	232	322	222	75	22	5	1	932	2,334
	Girls	......	......	......	......	......	......	......	7	93	364	498	307	107	22	2	2	1,402	
GRADE X	Boys	......	......	......	......	......	......	......	......	6	28	108	124	79	28	9	3	385	1,015
	Girls	......	......	......	......	......	......	......	1	9	52	173	210	132	45	6	2	630	
JR. AUXILIARY CLASSES	Boys	......	......	2	2	10	12	17	24	17	33	20	19	6	2	......	......	164	263
	Girls	......	......	......	1	8	12	6	9	15	15	19	11	2	1	......	......	99	
TOTALS BY SEXES	Boys	11	1,178	7,010	10,383	10,872	11,319	11,352	11,937	12,179	10,055	6,387	2,869	788	132	23	7	96,532	....
	Girls	30	1,323	6,708	9,957	10,265	10,698	10,673	10,821	10,766	9,117	5,375	2,252	636	124	12	6	88,763	....
GRAND TOTALS	....	41	2,501	13,718	20,340	21,137	22,017	22,025	22,758	22,945	19,172	11,762	5,121	1,424	256	35	13	185,295	....

THE PUBLIC SCHOOLS

TABLE 12—EIGHT MEASURABLE EFFICIENCY TESTS APPLIED TO CITY SCHOOLS, 1936-37

Cities	I	II	III	IV							V	VI	VII	VIII		
	May Enrolment per Class-room	Percentage of May Enrolment (Forms I-IV) in Form II	Attendance Efficiency Percentage	Average Age for Each Grade							Percentage of May Enrolment (Forms I-IV) securing H.S. Entrance Standing	Percentage of Teachers Holding a First Class Certificate	Percentage of Teachers Holding a University Degree	Cost of Education per Pupil-Day (cents)		
				Grade 1	Grade 2	Grades 3 & 4	Grade 5	Grade 6	Grade 7	Grade 8				General Maintenance	Capital Charges	Total
Belleville........	39.21	15.27	91.99	6.80	8.80	10.05	11.43	12.42	13.22	14.27	9.97	43.75	2.08	23.34	9.62	32.96
Brantford.......	36.10	15.38	94.88	7.41	8.68	9.82	11.19	12.13	13.08	13.92	10.06	42.86	1.89	29.14	5.15	34.29
Chatham........	37.04	20.08	93.60	7.22	8.30	9.69	11.01	12.04	12.90	13.94	8.60	28.81	1.69	29.02	1.42	30.44
Fort William.....	36.98	19.43	93.77	7.43	8.25	9.63	10.97	11.98	12.95	14.30	12.78	45.26	2.08	34.51	11.12	45.63
Galt............	37.24	19.37	96.12	7.18	8.39	9.78	10.99	12.04	13.05	13.75	10.51	10.64	....	26.02	2.40	28.42
Guelph..........	41.05	15.81	93.09	7.35	8.50	9.81	10.77	12.18	13.15	13.73	10.97	38.71	....	22.77	2.66	25.43
Hamilton........	39.98	19.67	92.56	7.16	8.36	9.92	11.25	12.39	13.22	14.11	9.07	56.43	12.45	27.48	7.38	34.86
Kingston........	42.24	13.67	91.11	7.65	9.19	10.23	11.24	12.16	13.20	13.95	11.84	34.78	14.28	27.42	5.85	33.27
Kitchener.......	40.79	14.25	94.19	7.20	8.34	9.44	10.64	11.42	12.92	13.66	9.96	37.72	....	29.02	7.18	36.20
London.........	37.20	17.56	91.34	7.30	8.49	9.80	11.07	12.16	13.06	13.98	12.26	53.12	10.54	36.51	8.70	45.21
Niagara Falls....	40.22	14.96	94.63	7.54	8.91	9.72	11.20	12.44	13.17	14.25	6.28	33.34	1.51	24.45	3.39	27.84
North Bay......	32.17	17.07	92.84	7.33	8.38	9.64	10.83	11.95	13.03	14.06	12.48	53.19	....	27.62	8.12	35.74
Oshawa.........	43.90	15.36	91.74	7.52	8.83	9.93	11.18	12.16	13.15	14.03	9.45	32.56	4.60	22.00	8.22	30.22
Ottawa..........	38.54	14.65	89.70	7.35	8.68	9.83	11.06	12.30	13.36	14.26	11.00	53.11	16.50	49.92	9.71	59.63
Owen Sound.....	36.13	25.95	92.54	7.25	8.42	10.03	11.64	12.53	13.05	14.49	9.15	33.93	....	24.47	....	24.47
Peterborough....	36.66	18.00	92.50	7.45	8.70	10.14	11.38	12.38	13.14	14.29	8.76	42.50	5.06	33.04	7.06	40.10
Port Arthur.....	33.97	17.23	92.50	7.61	8.70	10.01	10.97	12.06	13.07	13.93	11.76	73.33	5.33	32.40	13.11	45.51
St. Catharines....	39.21	19.60	91.99	7.67	8.74	10.11	11.49	12.55	13.40	14.08	9.23	38.30	3.22	29.91	5.50	35.41
St. Thomas......	34.27	22.23	94.86	7.15	8.33	9.70	11.42	12.20	13.24	13.98	11.34	60.38	....	27.39	3.17	30.56
Sarnia...........	35.54	14.14	93.47	7.12	8.19	9.54	10.74	11.83	12.90	13.91	11.13	34.85	4.41	30.17	5.33	35.50
Sault Ste. Marie..	38.60	15.42	90.40	7.50	8.57	9.96	11.08	12.29	13.02	13.94	9.52	27.50	....	27.40	15.74	43.14
Stratford........	36.86	13.83	94.37	7.26	8.33	9.57	10.63	11.60	12.68	13.67	13.34	34.37	....	26.22	7.54	33.76
Sudbury.........	40.84	19.19	88.38	7.58	8.73	9.39	10.05	10.88	12.07	14.13	11.16	39.53	....	24.22	3.15	27.37
Toronto.........	42.57	14.69	91.88	7.43	8.69	9.99	11.29	12.42	13.48	14.38	9.55	45.48	10.14	39.20	8.02	47.22
Welland.........	35.96	16.11	92.07	7.41	8.64	9.89	11.45	12.33	13.18	13.92	7.71	38.46	....	28.88	5.83	34.71
Windsor.........	40.11	23.01	93.77	7.40	8.39	9.94	11.40	12.19	13.31	14.20	10.30	35.31	6.85	28.42	default	....
Woodstock......	39.89	17.59	91.35	7.20	8.29	9.56	10.83	11.34	12.28	13.23	13.84	47.06	....	24.00	4.20	28.20
Average, Cities...	40.23	16.64	92.24	7.37	8.60	9.90	11.20	12.28	13.28	14.19	9.43	45.25	8.30	34.25	7.69	41.94
Ideal...........	41.00	16.00	100.00	6.4	7.6	8.8	10.0	11.2	12.4	13.6	8+	....	....	....	....	....

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TABLE 13—PROMOTION AND RETARDATION, CITIES, FOR

A—Percentage promoted in each grade. B—Percentage in grade one year

Cities	Kindergarten			Kindergarten-Prim.			Grade I			Grade II		
	A	B	C	A	B	C	A	B	C	A	B	C
Belleville	......	......	......	93.62	93.62	6.38	70.57	65.93	29.43	90.48	90.61	9.52
Brantford	......	......	......	95.12	95.12	4.88	88.89	88.38	11.11	90.53	89.88	9.47
Chatham*	87.84	87.84	12.16	85.81	85.81	14.19	91.37	91.75	8.63	89.01	89.23	10.99
Fort William	98.71	99.13	1.29	98.17	97.91	1.83	81.27	78.51	18.73	97.07	96.65	2.93
Galt	......	......	......	95.79	95.83	4.21	91.15	90.65	8.85	86.85	85.42	13.15
Guelph	99.62	99.61	.38	......	......	......	88.72	88.36	11.28	93.27	93.11	6.73
Hamilton	94.39	94.12	5.61	......	......	......	82.36	80.66	17.64	87.44	86.54	12.56
Kingston	......	......	......	84.91	84.48	15.09	90.27	89.82	9.73	90.43	90.22	9.57
Kitchener	87.25	87.74	12.75	......	......	......	89.19	88.64	10.81	94.67	94.51	5.33
London	94.96	94.97	5.04	72.22	72.56	27.78	83.61	85.24	16.39	86.42	86.32	13.58
Niagara Falls	......	......	......	95.92	95.65	4.08	87.09	89.43	12.91	91.70	91.73	8.30
North Bay	......	......	......	......	......	......	90.00	88.89	10.00	88.70	89.22	11.30
Oshawa	100.00	100.00	......	......	......	......	82.88	82.47	17.12	91.28	90.39	8.72
Ottawa	82.34	77.30	17.66	......	......	......	89.18	87.93	10.82	91.25	90.57	8.75
Owen Sound	100.00	......	......	......	......	......	85.99	89.04	14.01	93.73	93.77	6.27
Peterborough	......	......	......	97.43	97.42	2.57	78.46	77.45	21.54	89.46	89.18	10.54
Port Arthur	......	......	......	80.94	77.30	19.06	89.04	88.52	10.96	94.94	94.89	5.06
St. Catharines	......	......	......	96.91	96.77	3.08	84.88	83.33	15.11	89.58	88.61	10.41
St. Thomas	......	......	......	......	......	......	81.99	81.38	18.01	90.71	90.39	9.29
Sarnia	......	......	......	......	......	......	87.33	87.20	12.67	93.59	94.06	6.41
Sault Ste. Marie	......	......	......	99.04	99.04	.96	86.29	83.75	13.71	93.48	92.97	6.52
Stratford	97.63	97.56	2.37	......	......	......	93.19	92.64	6.81	95.14	95.34	4.86
Sudbury	......	......	......	......	......	......	92.20	91.18	7.80	96.94	96.53	3.06
Toronto	83.33	81.69	16.67	......	......	......	82.25	80.64	17.75	92.32	92.12	7.68
Welland	94.68	94.68	5.32	95.55	95.29	4.45	86.97	85.14	13.03	88.39	87.64	11.61
Windsor	......	......	......	75.92	75.58	24.08	84.13	84.45	15.87	82.11	81.37	17.89
Woodstock	91.62	91.62	8.38	......	......	......	91.05	87.83	8.95	97.15	95.90	2.85
Average this year	86.91	87.40	13.09	88.37	88.02	11.63	83.75	82.79	16.25	90.28	89.90	9.72
Average last year	86.44	85.32	13.56	90.07	90.38	9.93	80.18	78.78	19.82	85.13	84.46	14.87
Increase for the year	.47	2.08	......	......	......	1.70	3.57	4.01	......	5.15	5.44	......
Decrease for the year	......	......	.47	1.70	2.36	......	......	......	3.57	......	......	5.15

Cities	Grades III and IV†			Grade V			Grade VI			Grade VII		
	A	B	C	A	B	C	A	B	C	A	B	C
Belleville	95.66	96.87	4.34	89.30	89.62	10.70	90.81	90.20	9.19	91.52	91.47	8.48
Brantford	95.60	94.64	4.40	89.96	88.78	10.04	91.99	91.99	8.01	88.29	87.53	11.71
Chatham	83.09	81.65	16.91	81.42	76.29	18.58	84.34	82.90	15.66	81.63	79.32	18.37
Fort William	94.23	94.21	5.77	93.00	91.93	7.00	92.35	91.76	7.65	90.62	89.61	9.38
Galt	95.59	98.00	1.41	99.50	99.47	.50	98.51	98.48	1.49	96.79	96.70	3.21
Guelph	96.48	96.39	3.52	90.42	89.86	9.58	92.72	92.68	7.28	90.27	89.63	9.73
Hamilton	91.09	90.71	8.91	87.17	85.45	12.82	86.18	84.50	13.81	83.46	80.88	16.53
Kingston	91.87	91.15	8.13	91.03	90.94	8.97	92.43	92.17	7.57	86.53	86.76	13.47
Kitchener	96.49	96.18	3.51	91.68	90.81	8.32	89.29	88.77	10.71	85.15	83.69	14.85
London	89.86	90.69	10.14	87.45	87.31	12.55	87.53	87.88	12.47	87.59	87.06	12.41
Niagara Falls	91.86	91.64	8.14	89.56	89.31	10.44	88.95	88.58	11.05	91.85	91.72	8.15
North Bay	91.23	87.96	8.77	82.68	82.35	17.32	85.02	85.72	14.98	89.15	88.89	10.86
Oshawa	91.88	?	8.12	83.96	81.63	16.04	85.29	83.44	14.71	85.78	83.51	14.22
Ottawa	88.31	87.31	11.69	90.89	90.19	9.11	92.50	91.94	7.50	88.50	87.02	11.50
Owen Sound	92.76	92.86	7.24	86.67	87.15	13.33	87.67	87.44	12.33	87.56	86.80	12.44
Peterborough	93.78	93.35	6.22	85.32	84.55	14.68	89.60	89.72	10.40	89.77	86.46	10.23
Port Arthur	96.63	96.04	3.37	94.40	93.70	5.60	92.96	92.40	7.04	92.00	91.54	8.00
St. Catharines	95.38	?	4.62	85.24	83.47	14.75	90.02	88.30	9.97	86.97	85.75	13.02
St. Thomas	92.47	91.82	7:53	92.42	91.30	7.58	92.56	91.40	7.44	87.55	85.84	12.45
Sarnia	85.32	83.85	14.68	83.63	81.72	16.37	83.82	81.60	16.18	77.91	75.09	22.09
Sault Ste. Marie	86.63	85.41	13.37	91.40	90.32	8.60	89.92	88.41	10.08	88.89	86.70	11.11
Stratford	91.09	90.60	8.91	89.81	89.07	10.19	92.77	92.27	7.23	89.45	88.63	10.55
Sudbury	97.15	97.05	2.85	98.13	98.06	1.87	99.08	99.06	.92	95.30	95.14	4.70
Toronto	93.66	93.39	6.34	88.00	86.94	12.00	90.03	89.26	9.97	85.39	83.96	14.61
Welland	95.70	?	4.30	87.79	88.95	12.21	89.20	88.15	10.80	85.83	84.76	14.17
Windsor	77.67	75.58	22.38	91.31	91.00	8.69	93.51	92.77	6.49	85.57	84.98	14.43
Woodstock	91.88	94.58	8.12	93.06	94.73	6.94	92.71	92.37	7.29	78.22	79.25	21.78
Average this year	91.97	91.33	8.03	88.66	87.75	11.34	89.83	89.09	10.17	86.22	84.91	13.78
Average last year	......	......	......	83.93	82.19	16.07	85.64	84.60	14.36	82.06	80.56	17.94
Increase for the year	......	......	......	4.73	5.56	......	4.19	4.49	......	4.16	4.35	......
Decrease for the year	......	......	......	......	......	4.73	......	......	4.19	......	......	4.16

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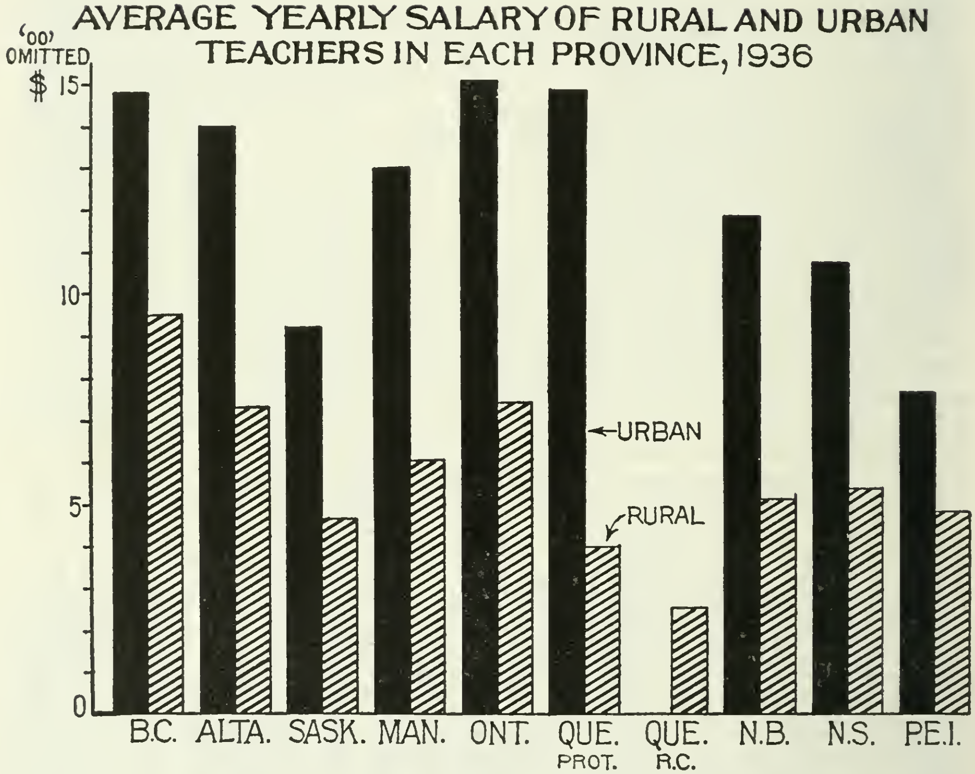
or less who were promoted in one year. C—Percentage not promoted.

Cities	Grade VIII			Grade IX			Grade X			Average		
	A	B	C	A	B	C	A	B	C	A	B	C
Belleville	92.29	91.11	7.71	......	......	......	......	......	......	85.33	87.89	14.67
Brantford	87.41	86.58	12.59	......	......	......	......	......	......	91.00	90.92	9.00
Chatham	75.00	70.59	25.00	......	......	......	......	......	......	83.58	82.51	16.42
Fort William	91.05	91.42	8.95	......	......	......	......	......	......	92.08	91.57	7.92
Galt	98.89	98.89	1.11	......	......	......	......	......	......	90.00	89.39	10.00
Guelph	92.02	92.06	7.98	......	......	......	......	......	......	92.86	92.75	7.14
Hamilton	88.36	87.35	11.63	......	......	......	......	......	......	87.54	86.69	12.46
Kingston	94.50	94.26	5.50	......	......	......	......	......	......	97.69	89.80	2.31
Kitchener	76.11	75.77	23.89	78.26	77.04	21.73	73.68	73.68	26.32	87.88	87.31	12.12
London	85.09	84.53	14.91	......	......	......	......	......	......	87.54	85.16	12.46
Niagara Falls	81.21	81.79	18.79	......	......	......	......	......	......	89.45	89.75	10.55
North Bay	94.96	94.70	5.04	......	......	......	......	......	......	88.85	88.99	11.15
Oshawa	83.12	81.43	16.88	......	......	......	......	......	......	86.75	88.58	13.25
Ottawa	87.61	87.16	12.39	......	......	......	......	......	......	88.90	87.88	11.10
Owen Sound	92.90	92.81	7.10	......	......	......	......	......	......	90.93	91.39	9.07
Peterborough	85.25	85.67	14.75	......	......	......	......	......	......	88.31	88.25	11.67
Port Arthur	82.99	81.25	17.01	76.43	75.40	23.57	......	......	......	88.84	87.90	11.16
St. Catharines	98.07	98.01	1.92	......	......	......	......	......	......	83.90	82.47	16.10
St. Thomas	92.41	93.37	7.59	......	......	......	......	......	......	90.30	89.59	9.70
Sarnia	87.82	86.85	12.18	......	......	......	......	......	......	85.79	84.57	14.21
Sault Ste. Marie	82.55	80.53	17.45	......	......	......	......	......	......	89.56	88.41	10.44
Stratford	91.04	89.88	8.96	......	......	......	......	......	......	92.48	91.93	7.52
Sudbury	99.53	99.51	.47	......	......	......	......	......	......	96.94	96.70	3.05
Toronto	82.48	81.41	17.52	87.05	86.78	12.95	80.80	79.83	19.20	87.30	86.36	12.70
Welland	......	......	......	......	......	......	......	......	......	90.02	90.12	9.98
Windsor	89.32	88.93	10.68	75.21	73.00	24.79	90.57	94.62	9.43	84.87	84.13	15.13
Woodstock	91.62	90.66	8.38	......	......	......	......	......	......	83.38	80.79	16.62
Average this year	85.65	84.97	14.35	83.43	82.95	16.57	82.51	82.46	17.49	87.59	87.02	12.41
Average last year	84.05	83.27	15.95	81.44	80.95	18.56	75.50	74.47	24.50	83.17	82.02	16.83
Increase for the year	1.60	1.70	......	1.99	2.00	......	7.01	7.99	......	4.42	5.00	......
Decrease for the year	......	......	1.60	......	......	1.99	......	......	7.01	......	......	4.42

REASONS FOR NON-PROMOTION (PERCENTAGES)

Cities	Lack of ability in academic lines	Ill-health (a) affecting attendance	Ill-health (b) not affecting attendance	Irregular or interrupted attendance for reasons other than ill-health	Adverse home conditions	Lack of application	Physical Defects					Previous promotion premature	Too frequent transfers	Foreign	Other minor causes
							Sight	Hearing	Speech	Deformity	Other causes				
Belleville	39.23	8.46	1.54	8.08	4.23	12.69	.38	.38	.38	....	....	8.09	7.69	.....	8.85
Brantford	47.75	8.41	2.40	3.30	8.41	14.11	.60	.60	.60	.30	.30	3.90	3.90	2.12	3.30
Chatham	66.88	6.31	4.10	2.84	.63	13.88	.31	....	....	.31	....	1.92	1.92	.31	.59
Fort William	43.65	2.78	1.98	.79	2.38	16.27	.40	1.19	.40	.79	1.59	21.83	1.98	3.57	.40
Galt	78.25	1.71	......	1.14	.....	3.43	.58	1.14	.58	....	....	9.74	2.85	.....	.58
Guelph	39.54	16.29	2.31	6.39	5.24	16.86	....	.58	.58	.58	....	9.89	1.16	.58	......
Hamilton	44.47	8.39	1.60	5.31	3.11	19.05	.96	.46	.71	.12	.88	10.11	1.98	1.34	1.51
Kingston	51.43	10.61	1.23	6.93	2.04	9.79	.81	.41	2.45	....	.42	8.57	4.08	.....	1.23
Kitchener	50.86	4.13	1.08	2.17	1.74	17.17	.65	.44	.22	.44	....	18.06	.86	.44	1.74
London	53.35	5.55	.85	3.49	3.39	15.34	.56	.57	1.03	.09	.37	10.25	2.38	1.09	1.69
Niagara Falls	43.30	5.20	2.60	2.16	3.46	18.61	.87	....	1.73	....	1.30	17.31	1.30	1.30	.86
North Bay	66.88	6.62	.66	1.98	8.61	2.67	1.32	....	....	....	1.32	5.97	3.31	.66	......
Oshawa	21.01	2.77	.69	.89	2.87	8.32	....	.09	.29	....	.49	59.62	.99	1.78	.19
Ottawa	43.07	6.88	2.59	5.68	2.69	12.96	.40	.20	.20	.10	2.39	11.96	1.00	.90	8.97
Owen Sound	43.65	8.84	1.10	6.08	8.29	18.23	....	.55	....	....	....	9.94	3.32	.....	......
Peterborough	47.26	10.98	2.13	7.01	3.66	9.45	....	.30	4.27	....	....	13.12	1.52	.30	......
Port Arthur	60.89	7.01	2.21	4.43	3.69	10.33	.37	.74	.37	.37	....	7.01	.37	2.21	......
St. Catharines	77.84	3.22	.76	2.65	.76	6.63	.57	....	.19	.19	.38	4.17	.57	1.51	.56
St. Thomas	63.28	7.34	.56	5.65	1.13	16.38	1.13	....	1.13	.56	.56	1.13	.....	.....	1.15
Sarnia	58.93	6.92	1.35	1.80	2.10	10.84	....	.30	.30	....	.60	15.06	1.20	.30	.30
Sault Ste. Marie	40.14	9.86	1.41	5.28	2.46	15.14	1.06	.35	1.06	....	1.06	7.39	2.11	8.45	4.23
Stratford	55.62	5.62	.63	.63	3.75	18.12	1.24	....	.63	....	.63	12.50	.63	.....	......
Sudbury	45.31	12.50	......	6.25	3.13	4.69	....	....	....	....	3.13	14.06	.....	10.93	......
Toronto	65.72	8.42	1.43	5.45	3.67	4.93	.75	.36	1.10	.16	1.45	2.80	.90	.38	2.48
Welland	66.25	4.02	.31	2.17	3.41	14.24	....	....	.31	.31	1.24	4.64	.31	2.17	.62
Windsor	49.75	7.13	1.19	6.20	1.36	13.07	.68	.25	.68	1.09	2.80	9.68	2.37	2.04	2.71
Woodstock	47.83	6.96	.87	6.09	6.96	12.18	....	....	1.73	....	1.72	9.57	5.22	.87	......
Aver. this year	57.13	7.62	1.49	4.82	3.34	10.48	.65	.26	.90	.15	1.17	6.66	1.46	.95	2.92
Aver. last year	54.45	7.52	1.53	4.87	3.52	11.03	.72	.41	.92	.19	.96	5.88	1.42	1.23	......
Inc. for year	3.68	.10	......	....	.....	......	....	....	....	....	.21	.78	.04	.....	......
Dec. for year	......	......	.04	.05	.18	.55	.07	.15	.02	.04	....	.....	.....	.28	......

*Half yearly promotion system. †Grades III and IV require longer than one year in several centres.



—*Source, Annual Survey of Education in Canada, 1936*

GRAPH III.

THE PUBLIC SCHOOLS

TABLE 14—TEACHERS' SALARIES, 1936-1937

Highest, Lowest, Average

	Male					Female				
			Average					Average		
Rural Schools*	Highest	Lowest	All	With First Class Certificate	With Second Class Certificate	Highest	Lowest	All	With First Class Certificate	With Second Cass-Clertificate
Counties										
Addington......	750	500	666	650	683	850	500	661	700	619
Brant..........	1,260	500	797	657	992	1,000	500	707	670	743
Bruce..........	1,100	500	637	646	627	900	500	617	615	618
Carleton........	2,000	525	883	756	967	1,260	500	679	675	681
Dufferin........	1,000	500	662	722	601	775	500	614	595	641
Dundas.........	1,000	550	691	666	713	850	500	617	576	640
Durham........	900	500	685	684	685	1,000	500	640	623	659
Elgin..........	1,200	500	669	662	679	850	500	616	610	627
Essex...........	1,300	550	745	665	861	1,350	500	700	674	724
Frontenac......	1,100	500	681	700	664	950	500	607	554	611
Glengarry.......	900	500	678	733	652	800	500	611	603	616
Grenville.......	700	500	577	569	584	1,100	500	591	582	597
Grey...........	1,125	500	649	665	626	900	500	592	573	644
Haldimand......	950	500	669	619	770	900	500	642	630	675
Haliburton......	900	500	626	607	644	900	500	580	588	576
Halton.........	1,100	600	728	756	616	1,200	500	723	672	772
Hastings........	1,575	500	729	759	645	1,200	500	637	627	651
Huron..........	1,125	500	641	634	656	1,050	500	596	585	614
Kent...........	1,100	600	763	761	766	850	500	663	638	687
Lambton.......	1,250	500	651	595	757	1,080	500	594	578	613
Lanark.........	800	500	609	578	637	700	500	568	544	582
Leeds..........	800	500	628	583	686	900	500	540	597	513
Lennox.........	775	500	584	546	627	1,000	500	572	557	585
Lincoln.........	1,475	550	984	843	1,055	1,305	500	757	682	867
Middlesex.......	1,600	500	673	643	704	1,500	450	633	610	661
Norfolk.........	1,050	500	684	671	734	1,200	400	631	583	674
Northumberland	1,000	525	669	637	692	900	500	628	600	667
Ontario.........	1,200	500	724	691	774	1,100	500	657	614	697
Oxford.........	1,075	500	764	754	777	900	500	650	624	694
Peel...........	1,300	550	861	882	830	1,260	550	755	767	786
Perth..........	1,000	500	680	653	756	850	500	615	591	658
Peterborough....	1,150	500	703	666	804	850	500	610	604	622
Prescott........	800	721	775	721	....	1,000	500	613	592	631
Prince Edward...	1,200	500	675	697	658	825	500	600	594	604
Renfrew........	850	500	634	647	621	850	500	590	594	589
Russell.........	1,000	600	750	771	700	800	500	637	635	646
Simcoe.........	1,800	500	759	764	754	1,440	500	665	639	688
Stormont.......	1,100	550	815	847	796	1,250	500	625	598	649
Victoria........	1,085	500	653	656	648	1,250	500	627	627	627
Waterloo.......	1,200	500	844	859	812	925	500	692	668	738
Welland........	1,650	500	919	774	1,077	1,130	500	776	746	810
Wellington......	1,755	500	667	618	755	1,035	500	632	608	672
Wentworth......	1,600	500	889	877	911	1,400	500	751	692	799
York...........	2,000	550	928	908	972	1,300	500	753	700	807
Counties......	2,000	500	719	703	739	1,440	400	639	623	660
Districts										
Algoma.........	1,200	500	767	755	787	1,000	500	661	660	662
Cochrane.......	1,500	500	906	918	904	1,200	500	788	772	808
Kenora.........	1,800	600	1,033	1,033	1,033	1,200	500	802	777	840
Manitoulin......	950	500	707	742	690	1,000	500	659	725	644
Muskoka.......	1,200	500	736	721	762	1,008	500	671	670	672
Nipissing.......	1,200	500	725	700	770	950	450	693	650	712
Parry Sound....	1,500	550	785	821	745	1,000	500	653	665	644
Rainy River.....	1,100	650	777	803	745	1,500	500	762	760	764
Sudbury........	1,800	600	963	1,082	936	1,150	500	760	764	765
Temiskaming....	1,800	550	843	882	798	1,500	500	722	691	745
Thunder Bay....	1,800	600	909	885	911	1,200	600	787	782	802
Districts......	1,800	500	870	845	821	1,500	450	718	718	718
Counties and Districts....	2,000	500	745	734	759	1,500	400	650	635	667
Largefully-graded Rural Schools.	3,100	800	1,429	1,315	1,574	2,400	700	1,120	1,046	1,158
All Rural Schools.....	3,100	500	834	813	861	2,400	400	705	672	736
Decreases in Rural Schools for the Year......	25	....	14	16	7	297	....	5	(Inc.) 3	4

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* Exclusive of large fully-graded rural schools.

THE PUBLIC SCHOOLS

TABLE 14—TEACHERS' SALARIES, 1936-37

Highest, Lowest, Average

City Schools*	Male					Female				
			Average					Average		
	Highest	Lowest	All	With First Class Certificate	With Second Class Certificate	Highest	Lowest	All	With First Class Certificate	With Second Class Certificate
(Counties)										
Belleville........	2,200	900	1,529	1,643	1,363	1,300	850	1,056	1,065	1,043
Brantford.......	2,450	1,050	1,877	1,889	....	1,475	900	1,308	1,193	1,378
Chatham.......	2,385	1,045	1,583	1,747	1,423	2,295	945	1,252	1,195	1,283
Galt............	1,900	1,000	1,577	1,650	1,631	1,400	1,000	1,150	1,100	1,166
Guelph.........	2,250	850	1,421	1,133	1,730	1,300	800	1,120	1,103	1,135
Hamilton.......	3,205	1,058	1,933	1,915	1,102	1,876	900	1,325	1,228	1,451
Kingston........	2,375	860	1,823	1,846	1,690	1,567	760	1,216	1,224	1,217
Kitchener.......	3,000	1,300	1,817	1,587	2,662	1,500	600	1,213	1,133	1,263
London.........	3,000	1,000	1,969	1,839	2,571	1,800	800	1,289	1,079	1,532
Niagara Falls....	2,087	850	1,493	1,493	1,612	1,969	750	1,178	1,109	1,218
Oshawa.........	2,287	756	1,440	1,194	1,725	1,600	650	1,140	923	1,243
Ottawa.........	3,800	1,000	2,319	2,300	2,170	2,900	800	1,804	1,650	2,001
Owen Sound.....	2,050	832	1,584	1,465	1,620	1,272	712	1,020	901	1,119
Peterborough....	2,550	807	1,966	1,929	2,550	1,445	807	1,328	1,236	1,404
St. Catharines...	2,450	950	1,919	1,653	2,092	1,550	800	1,239	1,120	1,316
St. Thomas......	2,100	750	1,513	1,337	2,100	1,600	750	1,106	1,036	1,178
Sarnia..........	2,400	1,000	1,773	1,586	2,012	1,700	850	1,269	1,175	1,294
Stratford........	2,000	830	1,592	1,452	2,000	1,400	800	1,224	1,002	1,298
Toronto.........	3,800	1,500	2,603	2,602	2,767	3,700	900	1,852	1,652	1,989
Welland........	1,850	1,100	1,505	1,512	1,475	1,350	1,000	1,198	1,195	1,207
Windsor........	2,916	850	1,675	1,615	1,720	1,677	800	1,276	1,096	1,341
Woodstock......	2,200	800	1,500	1,500	....	1,235	750	994	928	1,093
Counties......	3,800	750	2,231	2,264	1,955	3,700	600	1,552	1,389	1,670
(Districts)										
Fort William....	2,682	975	1,815	1,685	2,118	1,615	585	1,357	1,389	1,504
North Bay......	2,075	871	1,508	1,743	1,156	1,350	872	1,055	1,028	1,095
Port Arthur.....	2,550	990	1,563	1,571	....	1,530	950	1,303	1,293	1,372
Sault Ste. Marie..	2,250	900	1,591	1,560	1,765	1,995	600	1,225	1,091	1,273
Sudbury........	2,200	1,000	1,675	1,475	1,875	1,300	900	1,105	938	1,209
Districts......	2,682	871	1,656	1,613	1,811	1,995	600	1,238	1,208	1,209
All Cities...	3,800	750	2,193	2,223	1,928	3,700	600	1,531	1,376	1,647
Towns........	3,500	650	1,323	1,250	1,409	2,200	400	1,031	1,226	975
Villages.......	5,000	700	952	972	933	2,950	500	918	875	944
All Urban Schools.....	5,000	650	1,820	1,937	1,394	3,700	400	1,390	1,320	1,413
All Schools (Rural and Urban).....	5,000	500	1,332	1,425	1,066	3,700	400	1,041	931	1,075
Decreases for the year....	....	....	44	67	37	....	....	6	20	8

Average Salaries of Other Teachers: Manual Training, $2,322; Household Science, $1,838; Kindergarten $1,281; Auxiliary Class, $1,718; Music, $1,628; Art, $2,000; Physical Training, $2,238. Third Class, $663 District, $1,035.

This Table has reference to full-time teachers only. Supervisors are included.

THE PUBLIC SCHOOLS

TABLE 15—TEACHERS' SALARIES, 1936-37—Salary Range for the Province

Salary Range	Rural Schools							Urban Schools									All Schools				
	Ungraded and Partly Graded		Fully Graded		Totals	Group Totals	Group Per-cent-ages	Cities		Towns		Villages		Totals	Group Totals	Group Per-cent-ages	Male	Female	Totals	Group Totals	Group Per-cent-ages
	Male	Female	Male	Female				Male	Female	Male	Female	Male	Female								
Below $500	.....	5	.....	.....	5	1,654	22.88	.....	.....	.....	1	.....	2	3	27	.36	.....	8	8	1,681	11.52
$500	108	659	.....	.....	767			.....	.....	.....	1	.....	6	7			108	666	774		
$501–$549	15	85	.....	.....	100			.....	.....	.....	2	.....	2	4			15	89	104		
$550	112	514	.....	.....	626			.....	.....	.....	2	.....	4	6			112	520	632		
$551–$599	28	128	.....	.....	156			.....	4	.....	.....	.....	3	7			28	135	163		
$600	223	1,107	1	1	1,332	2,177	30.11	.....	5	1	22	3	21	52	134	1.82	228	1,156	1,384	2,311	15.83
$601–$649	33	124	.....	.....	157			.....	1	.....	7	.....	1	9			33	133	166		
$650	121	420	.....	.....	541			.....	5	5	31	2	13	56			128	469	597		
$651–$699	37	110	.....	.....	147			.....	1	2	10	.....	4	17			39	125	164		
$700	151	638	1	2	792	1,307	18.08	.....	2	5	52	4	63	126	326	4.43	161	757	918	1,633	11.19
$701–$749	20	63	.....	.....	83			.....	3	2	11	1	5	22			23	82	105		
$750	112	256	1	8	377			1	10	9	45	12	46	123			135	365	500		
$751–$799	16	38	.....	1	55	717	9.92	1	6	2	37	2	7	55	686	9.31	21	89	110	1,403	9.61
$800	141	308	10	25	484			16	59	26	135	9	62	307			202	589	791		
$801–$849	16	37	.....	11	64			1	29	6	47	3	14	100			26	138	164		
$850	30	83	1	20	134			7	59	12	58	7	36	179			57	256	313		
$851–$899	8	19	.....	8	35			6	25	3	45	1	20	100			18	117	135		
$900	81	119	6	28	234	394	5.45	6	83	12	147	13	35	296	718	9.75	118	412	530	1,112	7.62
$901–$999	37	40	4	79	160			16	167	17	171	4	47	422			78	504	582		
$1,000	49	77	26	37	189	862	11.92	15	149	26	122	18	10	340	2,518	34.19	134	395	529	3,380	23.16
$1,001–$1,099	15	24	16	72	127			36	252	11	114	7	12	432			85	474	559		
$1,100–$1,199	36	27	18	96	177			37	227	25	84	10	9	392			126	443	569		
$1,200–$1,299	32	19	23	103	177			22	318	16	72	26	10	464			119	522	641		
$1,300–$1,399	14	7	8	117	146			23	471	11	27	11	4	547			67	626	693		
$1,400–$1,499	6	3	20	17	46			15	285	20	7	8	8	343			69	320	389		
$1,500–$1,599	11	3	6	13	33	82	1.13	46	267	19	11	6	5	354	1,079	14.65	88	299	387	1,161	7.95
$1,600–$1,699	5	1	13	.....	19			50	170	16	2	6	1	245			90	174	264		
$1,700–$1,799	2	1	11	1	15			68	99	16	2	6	.....	191			103	103	206		
$1,800–$1,899	7	.....	7	.....	14			46	106	24	1	2	1	180			86	108	194		
$1,900–$1,999	.....	.....	1	.....	1			39	55	13	.....	2	.....	109			55	55	110		
$2,000–$2,099	4	.....	13	.....	17	34	.47	48	155	14	.....	4	1	222	1,427	19 38	83	156	239	1,461	10.01
$2,100–$2,199	.....	.....	5	.....	5			34	285	8	.....	2	.....	329			49	285	334		
$2,200–$2,299	.....	.....	4	1	5			54	594	4	.....	1	1	654			63	596	659		
$2,300–$2,399	.....	.....	1	.....	1			58	63	3	.....	.....	.....	124			62	63	125		
$2,400–$2,499	.....	.....	5	1	6			80	14	3	.....	1	.....	98			89	15	104		
$2,500–$2,699	.....	.....	2	1	3	3	.04	113	6	4	.....	.....	.....	123	450	6.11	119	7	126	453	3.11
$2,700–$2,899	.....	.....	.....	.....	.....			110	7	3	.....	.....	.....	120			113	7	120		
$2,900–$3,099	.....	.....	.....	.....	.....			77	5	.....	.....	.....	1	83			77	6	83		
$3,100–$3,299	.....	.....	.....	.....	.....			27	3	.....	.....	2	.....	32			29	3	32		
$3,300–$3,499	.....	.....	.....	.....	.....			15	1	.....	.....	.....	.....	16			15	1	16		
$3,500–$3,699	.....	.....	.....	.....	.....			22	1	1	.....	.....	.....	24			23	1	24		
$3,700	.....	.....	.....	.....	.....			45	2	.....	.....	.....	.....	47			45	2	47		
$3,800	.....	.....	.....	.....	.....			4	.....	.....	.....	.....	.....	4			4	.....	4		
$5,000	.....	.....	.....	.....	.....			.....	.....	.....	.....	1	.....	1			1	.....	1		
Totals	1,470	4,915	203	642	7,230	.....	.....	1,138	3,994	339	1,266	174	451	7,365	.....	.....	3,324	11,271	14,595	.....	.....

THE PUBLIC SCHOOLS

TABLE 16—TREND IN THE LOWER SALARIES OF RURAL TEACHERS

Salary	Below $500		$500			$501–$549			$550–$599			$600–$649			$650–$699			$700–$749			$750–$799			$800		
Maximum Daily Earnings*	Below $1.67		$1.67			$1.83			$2.00			$2.17			$2.33			$2.50			$2.67			$2.67		
Year	(a)	(b)	(a)	(b)	(c)	(a)	(b)	(c)	(a)	(b)	(c)	(a)	(b)	(c)	(a)	(b)	(c)	(a)	(b)	(c)	(a)	(b)	(c)	(a)	(b)	(c)
1933-34........	221	3.10	531	7.46	10.56	37	.52	11.08	330	4.64	15.72	1,231	17.29	33.01	568	7.98	40.99	1,098	15.43	56.42	524	7.36	63.78	706	9.92	73.70
1934-35........	224	3.11	631	8.77	11.88	74	1.03	12.91	537	7.46	20.37	1,390	19.32	39.69	659	9.16	48.85	1,069	14.86	63.71	456	6.34	70.05	556	7.73	77.78
1935-36........	6	.08	907	12.52	12.60	92	1.27	13.87	682	9.42	23.29	1,473	20.34	43.63	640	8.84	52.47	934	12.90	65.37	411	5.67	71.03	491	6.78	77.81
1936-37........	5	.07	767	10.61	10.68	100	1.38	12.06	782	10.82	22.88	1,489	20.59	43.47	688	9.52	52.99	875	12.10	65.09	432	5.98	71.07	484	6.69	77.76
1937-38........	3	.01	210	2.89	2.93	34	.47	3.40	417	5.71	9.11	1,679	23.13	32.27	795	10.95	43.22	1,047	11.42	57.64	484	6.68	64.32	518	3.71	71.45

(a) Number of Teachers in this Salary Group. (b) Percentage this Group is of Total Rural Teachers. (c) Cumulative Percentage of Total Rural Teachers.

*On the basis of a 300 day working year.

THE PUBLIC SCHOOLS

Table 17—Percentage Teacher Turnover in Rural Schools

Group	County or District	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	10 year Average
Metropolitan Area:	1 York..........	14.2	18.5	17.7	13.4	9.1	12.1	10.3	9.6	11.3	11.7	12.6
Toronto-Hamilton-Niagara Area:	2 Welland.......	30.6	34.2	29.5	34.0	19.0	19.5	17.1	13.7	17.5	17.8	22.8
	3 Wentworth....	20.4	31.9	31.3	33.3	26.8	21.5	12.3	18.7	12.9	18.3	23.1
	4 Lincoln.......	37.9	27.7	37.9	30.9	20.0	16.2	23.5	18.1	21.6	16.5	24.8
	5 Brant.........	36.8	31.2	36.3	25.0	21.2	41.8	16.5	16.5	17.7	19.0	26.2
	6 Peel..........	30.4	32.0	31.1	33.3	17.0	34.3	19.6	18.3	23.3	23.1	26.2
	7 Halton........	35.4	40.0	24.6	29.8	19.4	34.3	17.1	20.0	22.9	22.9	26.5
Lower Average Group	8 Middlesex.....	31.7	27.9	36.8	27.6	24.6	28.8	20.9	23.2	26.7	28.0	27.6
	9 Stormont......	37.6	37.2	29.1	27.9	25.6	29.4	27.1	12.7	23.3	28.9	27.8
	10 Glengarry.....	31.3	35.5	30.0	27.5	20.0	33.8	26.6	20.3	21.5	32.0	27.8
	11 Ontario.......	24.1	40.7	36.0	34.9	17.8	26.7	28.8	24.9	24.6	20.4	27.9
	12 Dundas.......	39.5	27.2	32.1	21.0	35.4	35.0	19.7	24.7	24.7	22.2	28.1
	13 Northumberl'd.	34.5	44.4	32.2	29.6	27.0	27.0	21.7	18.3	22.5	25.2	28.2
	14 Carleton......	36.8	37.2	33.1	31.1	26.4	27.6	21.0	26.7	22.1	25.3	28.7
	15 Durham.......	32.0	40.0	35.0	28.0	30.0	34.0	24.4	18.0	29.0	25.0	29.6
Average Group:	16 Elgin.........	41.1	38.7	26.8	28.4	27.4	27.4	29.0	24.6	26.6	29.6	30.0
	17 Oxford........	35.6	32.0	37.7	31.8	26.9	29.4	23.1	22.3	26.2	36.9	30.2
	18 Huron........	34.0	48.5	33.7	29.2	22.7	31.1	25.2	29.2	34.8	33.4	31.1
	19 Waterloo......	31.1	45.6	41.7	33.0	28.0	35.5	23.6	24.8	25.0	26.6	31.4
	20 Essex.........	42.5	34.4	36.8	32.7	26.3	28.8	28.4	21.3	31.9	41.2	32.4
	21 Bruce.........	42.0	39.3	45.8	29.8	27.4	36.5	25.4	22.9	27.8	31.8	32.9
	22 Haldimand....	39.0	40.3	41.5	28.4	31.7	43.9	30.5	29.3	35.0	25.3	33.8
	23 Perth.........	40.8	33.6	35.3	37.8	35.8	35.0	35.0	17.5	35.0	35.3	34.1
	24 Norfolk.......	25.5	36.1	45.4	35.2	39.8	33.3	26.0	26.4	34.6	40.6	34.4
	25 Lambton......	30.3	42.7	41.6	41.4	29.6	38.8	35.9	25.3	27.2	36.6	34.9
Higher Average Group:	26 Grenville......	46.8	40.3	46.7	27.4	28.0	40.0	21.3	32.9	23.7	40.6	35.1
	27 Victoria.......	42.6	49.1	47.4	38.3	25.4	31.6	26.5	36.5	35.7	29.2	35.3
	28 Kent..........	38.9	40.6	40.6	40.6	27.4	38.8	36.3	22.9	37.2	34.0	35.6
	29 Wellington....	40.0	42.3	47.4	43.5	28.6	43.5	22.7	47.7	29.9	37.4	36.2
	30 Peterborough..	47.2	42.6	42.2	36.7	26.4	37.2	29.1	28.8	35.9	39.8	36.6
	31 Simcoe........	38.2	45.0	44.5	43.3	32.6	36.7	30.1	29.1	28.9	37.8	36.6
	32 Leeds.........	51.0	43.7	41.9	31.3	38.9	35.3	43.1	27.0	20.7	37.6	37.0
	33 Grey..........	46.2	50.5	47.5	39.1	29.6	34.4	31.9	30.0	33.1	32.0	37.4
	34 Cochrane......	49.4	51.1	42.3	43.5	33.3	34.0	30.6	31.2	31.6	32.7	37.4
	35 Prince Edward.	36.5	45.2	44.6	34.7	35.2	43.3	33.8	27.1	30.7	46.0	37.7
	36 Russell........	44.8	44.8	46.9	34.2	29.8	55.6	31.4	27.8	38.2	26.5	38.0
	37 Lennox........	58.6	33.7	48.3	33.7	26.0	44.4	36.8	29.9	32.2	28.1	38.1
	38 Dufferin.......	40.8	44.1	46.3	48.4	32.2	39.2	29.0	26.1	37.8	40.2	38.4
	39 Hastings......	46.7	51.0	43.7	42.7	31.3	40.8	40.1	26.8	33.7	33.8	39.0
District Group:	40 Lanark........	43.6	46.8	40.6	50.0	40.8	55.5	37.3	30.9	33.1	34.9	41.3
	41 Timiskaming...	62.1	52.1	59.4	45.8	33.0	40.6	30.3	33.9	33.3	34.3	41.5
	42 Renfrew.......	52.6	52.0	54.0	45.9	37.2	50.3	33.9	33.7	33.5	36.4	43.0
	43 Sudbury.......	41.5	52.7	53.0	40.9	30.6	44.6	45.1	33.1	45.9	46.4	43.2
	44 Prescott.......	36.2	55.2	47.7	40.7	46.5	37.9	40.7	36.9	41.1	51.8	43.5
	45 Thunder Bay...	60.9	61.3	63.4	44.5	35.0	46.2	37.0	31.5	32.2	38.5	44.6
	46 Muskoka......	57.4	55.5	60.1	53.6	35.2	50.0	33.0	34.5	36.7	34.9	45.0
	47 Frontenac.....	60.8	59.2	61.4	56.8	38.6	47.4	40.3	29.6	28.9	37.5	46.1
	48 Parry Sound...	59.5	65.6	61.4	52.5	40.7	48.6	39.8	36.9	31.7	35.4	46.3
	49 Manitoulin....	58.9	51.0	49.1	39.2	53.0	41.1	39.2	45.2	39.2	44.0	46.4
	50 Rainy River...	52.0	73.0	52.7	50.0	49.4	37.4	41.9	51.3	33.3	35.2	47.4
	51 Algoma.......	52.7	65.6	47.0	58.0	41.3	49.0	49.5	35.3	39.2	52.9	48.9
	52 Addington.....	78.1	65.6	54.8	61.3	40.0	45.2	45.2	40.6	21.2	42.4	49.4
	53 Haliburton....	59.7	73.5	68.8	46.1	42.9	65.6	35.5	38.7	46.9	37.1	51.7
	54 Kenora........	69.5	64.9	52.7	50.0	60.5	35.0	50.0	51.2	34.1	53.6	51.8
	55 Nipissing......	52.1	67.1	66.2	68.9	43.3	52.6	46.1	48.2	50.7	41.1	53.7
Average, All Counties.............		36.5	38.9	37.8	33.0	26.5	31.7	26.0	23.1	25.5	29.0	30.8
Average, All Districts..............		54.9	59.8	55.8	49.6	41.6	44.7	38.2	37.6	36.9	39.8	45.6
Grand Average....................		39.1	41.9	40.4	35.3	28.6	33.6	27.8	25.2	28.7	30.6	33.0

THE PUBLIC

TABLE 18—FINANCIAL

Rural Schools (exclusive of large fully graded rural schools) *Counties*	Equalized Assessment per Class-room $	No. of Class-rooms	Ave. Daily Attendance	Average Daily Attendance per Class-room	Pupil-Days Attended	Section Levy (Current and Capital) $	Township Grant $	County Grant $	Legislative Grant $
1 Halton.....	292,114	70	1,475	21.00	282,876	31,856	32,606	1,589	10,565
2 Perth.......	256,638	119	2,671	22.44	535,526	37,659	56,258	3,347	18,622
3 Wentworth..	249,195	109	2,992	27.45	570,313	79,409	45,172	1,704	17,203
4 Middlesex...	218,214	208	4,023	19.34	766,282	80,737	95,636	3,282	29,140
5 Brant......	218,058	73	1,720	23.56	327,762	38,357	33,120	1,579	11,023
6 Kent.......	198,848	154	4,045	26.27	773,507	74,657	73,175	4,271	26,280
7 Elgin.......	197,237	125	2,434	19.47	466,539	49,128	57,540	2,058	16,403
8 Essex.......	193,832	137	3,646	26.61	699,817	72,349	58,833	2,868	19,814
9 Oxford......	193,342	130	3,107	23.90	596,175	55,157	58,502	3,452	21,377
10 York.......	188,848	198	5,549	28.02	1,099,589	193,288	62,305	3,251	38,134
11 Huron......	176,204	202	3,712	18.37	711,930	54,642	90,616	4,901	26,405
12 Norfolk.....	175,986	109	2,960	27.16	563,984	31,336	45,280	2,056	17,675
13 Waterloo....	174,067	109	2,957	27.16	566,407	54,962	47,840	2,965	19,756
14 Wellington..	173,562	154	2,927	19.00	571,857	48,083	69,627	4,441	22,838
15 Welland....	155,173	92	2,459	26.73	471,353	45,041	56,417	1,647	21,737
16 Lambton....	150,004	180	3,425	19.00	659,243	49,480	81,799	1,050	21,436
17 Peel........	149,555	96	2,536	26.41	489,327	91,451	46,092	3,136	24,653
18 Lincoln.....	149,191	82	2,434	29.68	470,409	56,770	39,092	2,444	20,052
19 Simcoe.....	144,574	245	4,889	19.95	917,986	73,656	111,717	9,084	47,650
20 Prince Edw'd	143,482	74	1,254	17.00	239,457	14,162	35,040	1,455	11,188
21 Ontario.....	142,454	138	3,052	22.11	584,582	76,760	61,261	2,042	22,952
22 Victoria.....	141,040	113	1,695	15.00	327,253	37,083	49,440	1,345	20,147
23 Stormont...	134,238	90	1,875	20.83	358,116	25,952	38,152	1,204	14,597
24 Bruce......	125,652	166	2,600	15.66	488,246	38,664	73,491	4,192	30,002
25 Dufferin....	123,052	92	1,368	14.87	262,092	24,498	43,810	1,569	14,232
26 Haldimand..	122,367	83	1,630	19.64	311,297	22,502	38,670	1,654	13,873
27 Carleton....	118,766	136	2,696	19.82	516,275	69,445	59,216	1,448	24,400
28 Durham....	117,137	100	1,744	17.44	326,480	28,986	44,862	1,598	19,557
29 Northumbl'd	102,593	115	2,134	18.56	413,944	29,295	50,908	2,023	22,551
30 Dundas.....	97,556	81	1,551	19.15	298,820	24,842	36,183	1,362	14,535
31 Grey.......	94,925	225	4,212	18.72	792,311	49,740	100,887	6,703	33,926
32 Glengarry...	90,573	78	1,494	19.15	282,651	19,577	34,013	1,043	14,015
33 Russell.....	89,222	33	669	20.27	130,447	9,674	14,040	1,677	7,176
34 Lennox.....	86,350	87	1,359	15.62	260,159	12,195	37,426	446	11,850
35 Prescott....	84,179	50	955	19.10	182,412	8,761	22,019	1,112	9,390
36 Lanark.....	81,004	125	1,686	13.48	321,055	19,176	50,417	1,191	21,622
37 Hastings....	73,803	198	3,850	19.44	750,095	49,086	63,010	5,161	57,693
38 Grenville....	72,656	73	1,089	14.92	208,053	17,619	32,830	716	13,858
39 Leeds.......	70,548	149	2,263	15.12	431,539	30,173	60,945	956	29,674
40 Renfrew....	64,493	173	3,184	18.40	624,863	33,772	62,642	3,390	38,044
41 Peterborough	60,925	101	2,206	21.84	416,193	32,260	33,304	2,053	33,878
42 Frontenac...	40,908	152	2,590	17.04	497,313	27,431	41,780	2,118	48,352
43 Addington...	21,651	31	534	17.22	103,185	3,532	8,204	732	12,483
44 Haliburton..	16,274	65	993	15.27	187,100	10,935	10,803	....	31,442
Totals and Averages	145,354	5,320	108,644	20.42	20,854,820	1,934,158	2,264,982	106,315	1,002,200
Districts									
1 Thunder Bay	48,963	115	2,206	19.18	413,678	89,373	5,662	....	55,267
2 Cochrane...	48,434	77	1,971	25.60	349,934	60,620	812	....	44,230
3 Muskoka....	46,144	106	1,786	16.85	339,532	47,640	14,938	....	44,403
4 Temiskaming	44,392	79	1,778	22.51	329,826	64,407	7,758	....	33,180
5 Algoma.....	39,541	103	1,946	11.72	368,944	65,983	6,383	....	38,662
6 Rainy River.	32,955	74	1,377	18.60	262,277	61,746	4,916	....	41,301
7 Sudbury....	32,952	115	1,890	16.43	357,213	70,822	4,316	....	71,858
8 Kenora.....	32,748	41	883	21.51	162,468	29,453	6,457	....	27,621
9 Manitoulin..	29,054	50	1,007	20.14	193,366	20,522	5,754	....	23,532
10 Parry Sound.	28,030	133	2,449	18.41	449,042	56,183	14,908	....	64,237
11 Nipissing....	22,523	77	1,594	20.70	295,295	25,901	2,552	....	36,014
Totals and Averages	37,440	970	18,887	19.47	3,521,575	592,650	74,456	....	480,305
" "	128,713	6,290	127,531	20.28	23,576,395	2,526,808	2,339,438	106,315	1,482,505

SCHOOLS

STATISTICS, 1936

	Expenditures		Cost of Education per Pupil-Day (cents)							Debenture Debt	
	Current $	Capital $	Current	Capital	Total	To Section Levy	To Township	To County	To Government	Total $	Per Classroom $
1	78,921	864	27.90	.30	28.20	11.26	11.53	.56	3.73	24,408	349
2	114,783	777	21.43	.14	21.57	7.03	10.50	.62	3.48	777	6
3	129,862	22,321	22.77	3.91	26.68	13.92	7.92	.30	3.02	127,460	1,169
4	196,812	6,817	25.68	.89	26.57	10.54	12.48	.43	3.80	41,932	201
5	79,124	4,879	24.14	1.49	25.63	11.70	10.10	.48	3.36	14,569	199
6	158,561	9,720	20.50	1.26	21.76	9.65	9.46	.55	3.40	29,495	191
7	113,530	6,508	24.33	1.39	25.72	10.53	12.33	.44	3.51	41,878	335
8	144,884	11,507	20.70	1.64	22.34	10.34	8.40	.41	2.83	168,493	1,230
9	134,704	7,208	22.59	1.21	23.80	9.25	9.81	.58	3.58	21,470	165
10	250,170	19,077	22.75	1.73	24.48	17.57	5.66	.29	3.47	439,281	2,218
11	171,410	3,914	24.08	.55	24.63	7.67	12.73	.69	3.71	25,747	127
12	103,414	777	18.33	.14	18.47	5.55	8.02	.36	3.13	4,554	41
13	119,586	9,081	21.11	1.60	22.71	9.70	8.44	.52	3.49	82,824	760
14	145,193	916	25.39	.16	25.55	8.41	12.17	.77	3.99	3,524	22
15	113,079	11,980	23.99	2.54	26.53	9.55	11.97	.34	4.61	152,523	1,657
16	151,056	6,805	22.91	1.03	23.94	7.50	12.40	.16	3.25	833	4
17	133,140	30,169	27.20	6.16	33.36	18.69	9.42	.64	5.04	260,319	2,711
18	114,237	11,849	24.28	2.52	26.80	12.07	8.31	.52	4.36	39,747	484
19	235,022	5,515	25.60	.60	26.20	8.02	12.17	.99	5.19	56,559	231
20	64,808	2,197	27.06	.92	27.98	5.91	14.63	.61	4.67	10,685	144
21	134,789	27,344	23.06	4.67	27.73	13.13	10.47	.35	3.92	212,392	1,539
22	100,550	4,676	30.72	1.43	32.15	11.33	15.11	.41	6.16	50,614	448
23	79,161	8,462	22.10	2.36	24.46	7.24	10.65	.34	4.08	61,435	682
24	143,679	916	29.43	.19	29.62	7.92	15.05	.86	6.14	13,234	80
25	80,374	3,864	30.67	1.47	32.14	9.35	16.71	.60	5.43	13,999	152
26	76,084	....	24.44	......	24.44	7.23	12.42	.53	4.46	....	......
27	134,938	16,833	26.14	3.26	29.40	13.45	11.47	.28	4.73	127,637	938
28	94,573	2,273	28.97	.70	29.67	8.88	13.74	.49	5.99	15,414	154
29	104,459	802	25.23	.19	25.42	7.08	12.30	.49	5.45	20,859	181
30	71,910	4,741	24.06	1.59	25.65	8.31	12.10	.45	4.86	18,026	222
31	189,339	3,251	23.90	.41	24.31	6.28	12.73	.85	4.28	23,901	106
32	63,212	1,503	22.36	.53	22.89	6.93	12.03	.37	4.95	9,564	123
33	31,341	1,515	24.02	1.16	25.18	7.41	10.76	1.28	5.50	8,247	250
34	63,935	....	24.57	......	24.57	4.69	14.38	.17	4.55	....	......
35	41,584	....	22.80	......	22.80	6.30	26.72	.61	5.14	....	......
36	90,526	971	28.19	.30	28.49	5.97	15.70	.37	6.73	8,385	67
37	172,935	6,144	23.05	.82	23.87	6.54	8.40	.69	7.69	28,931	146
38	61,208	578	29.42	.28	29.70	8.47	15.78	.34	6.66	2,179	30
39	120,563	4,456	27.93	1.03	28.96	6.99	14.12	.22	6.87	30,972	208
40	131,758	1,987	21.08	.32	21.40	5.40	10.02	.54	6.09	22,933	132
41	102,682	4,465	24.67	1.07	25.74	7.75	8.00	.49	8.14	38,442	380
42	122,368	2,648	24.60	.53	25.13	5.51	8.40	.42	9.72	25,510	168
43	27,027	1,143	26.19	1.11	27.30	3.42	7.95	.71	12.10	12,760	412
44	50,041	1,267	26.74	.68	27.42	5.84	5.77	......	16.80	7,040	108
	5,041,332	272,720	24.17	1.31	25.48	9.27	10.86	.51	4.80	2,299,552	432
1	148,067	12,684	35.79	3.07	38.86	21.60	1.37	......	13.36	94,039	818
2	114,370	4,455	32.68	1.27	33.95	17.32	.23	......	12.64	32,707	424
3	102,925	2,891	30.31	.85	31.16	14.03	4.40	......	13.08	15,370	145
4	100,766	6,648	30.55	2.01	32.56	19.52	2.35	......	10.05	35,358	447
5	105,080	10,167	28.48	2.75	31.23	17.88	1.73	......	10.48	59,643	579
6	93,487	16,956	35.64	6.46	42.10	23.54	1.88	......	15.75	149,026	2,014
7	143,029	11,378	40.04	3.18	43.22	19.82	1.21	......	20.11	141,374	1,229
8	58,679	3,864	36.12	2.37	38.49	18.13	3.97	......	17.00	36,811	898
9	46,462	2,487	24.02	1.29	25.31	10.61	2.97	......	12.17	26,103	522
10	132,550	3,755	29.51	.84	30.35	12.51	3.32	......	14.30	27,100	204
11	84,586	1,673	28.64	.57	29.21	8.77	.86	......	12.19	38,173	496
	1,130,001	77,158	32.08	2.19	34.27	16.83	2.11	......	13.63	655,704	676
	6,171,333	349,878	26.17	1.48	27.65	10.72	9.92	.45	6.29	2,955,256	470

THE PUBLIC

TABLE 18—FINANCIAL

Large Fully Graded Rural Schools

	County	Township	School Section No.	Equalized Assessment per Classroom	No. of Classrooms	Average Daily Attendance	Average Daily Attendance per Classroom	Pupil-Days Attended	Section Levy (Current and Capital)	Township Grant	County Grant
1	Brant.......	Brantford...	3	$102,986	7	248	35	47,560	$6,983	$2,400	$162
2	Carleton.....	Nepean.....	2	132,794	27	921	34	176,055	34,628	8,550	662
3	Essex.......	Sandwich E..	5	53,287	11	451	41	85,815	8,294	4,124	1,118
4	Lincoln......	Grantham...	U5,6	80,174	8	242	30	45,098	3,800	2,500	288
5	Ontario......	Whitby E....	10	57,930	10	436	44	76,330	12,638	3,720	126
6	Peel.........	Toronto.....	7	73,281	12	430	36	83,006	23,686	3,900	516
7	Peterborough.	Monaghan N.	2	64,894	10	318	32	60,697	7,449	3,520	590
8	Welland.....	Stamford....	4	107,233	8	261	33	50,017	2,581	9,999	160
9	"	"	6	75,064	12	419	35	80,215	4,769	15,066	638
10	"	"	7	51,150	9	270	30	51,681	10,447	5,250	436
11	"	Bertie.......	11	176,775	10	263	26	50,321	19,264	3,800	162
12	"	Crowland....	3	102,596	19	644	34	123,624	16,295	8,200	......
13	"	Thorold.....	2	240,861	10	292	29	56,133	2,900	8,600	......
14	York........	Etobicoke...	3	138,749	11	331	30	63,693	12,297	3,040	810
15	"	" ...	5	79,243	7	261	37	50,209	6,277	2,400	134
16	"	" ...	8	108,358	9	274	30	52,682	10,373	3,040	......
17	"	" ...	11	68,794	14	442	32	85,017	21,324	4,800	......
18	"	"	16	49,567	14	473	33	90,990	10,569	4,800	......
19	"	York........	Twp	76,263	311	10,313	33	1,969,835	432,650	....	9,234
20	"	York E......	7	96,458	44	1,784	41	340,887	59,362	13,500	1,212
21	"	"	26	70,351	61	2,160	35	441,779	77,283	18,600	2,034
22	"	"	27	108,684	45	1,578	35	303,051	61,994	14,250	888
23	"	York North..	3	137,637	36	1,296	36	250,205	37,985	11,850	......
24	"	Scarboro....	10	67,811	23	799	43	153,535	30,763	6,750	648
25	"	"	12	48,313	23	767	33	146,850	26,032	7,050	265
26	"	"	13	147,173	10	376	38	73,818	18,913	3,300	......
27	"	"	15	21,790	16	505	32	100,131	32,016	5,328	......
	Totals and Averages......		....	86,602	777	26,554	34	5,082,244	991,572	178,337	20,083
	District										
1	Cochrane....	Tisdale......	1	73,671	18	526	29	101,087	37,320	1,480	......
2	"	"	2	119,897	18	562	31	112,295	40,000	....	......
3	Parry Sound.	Himsworth..	U4	19,527	8	241	30	46,290	2,995	680	......
4	Sudbury.....	Chapleau....	1	103,304	7	198	28	38,084	14,948	....	......
5	"	Snider & C...	U1	113,355	7	266	38	54,668	18,139	....	......
6	Temiskaming.	‡Teck & O. Teck & L.	U1 U2	84,742	46	1,594	35	304,566	69,627	....	......
7	Thunder Bay	Schreiber....	1	79,423	6	179	30	34,208	7,764	....	......
	Totals and Averages......		....	86,652	110	3,566	32	691,198	190,793	2,160	......
	" "	"	....	86,608	887	30,120	34	5,773,442	1,182,365	180,497	20,083

*In default. †Interest only. ‡School area of Kirkland Lake.

SCHOOLS

STATISTICS, 1936

	Legislative Grant	Expenditures		Cost of Education per Pupil-Day (in cents)							Debenture Debt	
		Current	Capital	Current	Capital	Total	To Section	To Township	To County	To Gov't.	Total	Per Classroom
1	$1,934	$ 9,801	$2,471	20.61	5.19	25.80	14.68	5.04	.34	4.07	$12,546	$1,792
2	9,010	47,957	5,980	27.24	3.40	30.64	19.67	4.86	.38	5.12	32,216	1,193
3	4,185	17,807	*	20.75	.....	.....	9.66	4.80	1.30	4.88	176,411	1,604
4	3,966	11,912	4,142	26.41	9.18	35.59	8.42	5.54	.64	8.79	19,210	2,401
5	2,856	11,266	7,358	14.75	9.64	24.39	16.56	4.87	.16	3.74	75,473	7,547
6	4,495	19,938	10,784	24.02	12.99	37.01	28.53	4.70	.62	5.41	115,635	9,636
7	3,695	13,669	2,487	22.52	4.10	26.62	12.27	5.80	.97	6.09	19,995	1,999
8	2,594	13,872	1,364	27.73	2.73	30.46	5.16	19.99	.32	5.19	28,896	3,737
9	6,204	21,891	2,994	27.29	3.73	31.02	5.94	18.78	.79	7.73	67,385	5,615
10	2,774	18,583	....	35.96	.....	35.96	20.21	10.16	.84	5.37	....	......
11	1,865	14,844	10,894	29.50	21.65	51.15	38.28	7.55	.32	3.70	102,120	10,212
12	5,001	25,461	9,495	20.59	7.68	28.27	13.18	6.63	.....	4.04	66,780	3,515
13	2,358	19,837	7,150	35.33	12.73	48.06	5.16	15.32	.....	4.20	71,233	7,123
14	3,223	18,616	*	29.23	.....	.....	19.31	4.77	1.27	5.06	53,289	4,844
15	3,446	12,213	*	24.32	.....	.....	12.50	4.78	.27	6.86	40,538	5,791
16	3,725	17,919	143	34.01	.27	34.28	19.69	5.77	.....	7.07	83,013	9,223
17	6,340	26,075	6,612	30.67	7.77	38.44	25.08	5.64	.....	7.46	104,184	7,442
18	8,262	23,724	*	26.07	.....	.....	11.61	5.27	.....	9.08	116,019	8,287
19	166,364	557,919	65,672	28.33	3.33	31.66	21.96	.....	.47	8.45	2,181,689	7,015
20	17,500	67,870	19,184†	19.91	5.62	25.53	17.41	3.96	.35	5.13	346,206	7,868
21	32,771	102,789	24,046†	24.78	5.80	30.58	18.63	4.48	.49	7.90	404,581	6,632
22	17,793	73,912	22,441†	24.39	7.40	31.79	20.46	4.70	.29	5.87	433,459	9,632
23	10,709	58,490	7,097	23.38	2.83	26.21	15.18	4.74	.....	4.28	265,021	7,361
24	7,958	31,865	*	20.75	.....	.....	20.04	4.40	.42	5.18	174,038	7,567
25	8,483	30,289	*	20.62	.....	.....	17.72	4.80	.18	5.78	117,557	5,111
26	2,184	16,591	*	22.47	.....	.....	25.62	4.47	.....	2.96	82,239	8,223
27	5,112	24,092	*	24.06	.....	.....	31.97	5.32	.....	5.10	99,778	6,236
	344,807	1,309,202	210,314	25.76	4.93	29.90	19.51	3.51	.39	6.78	5,290,511	6,809
1	10,882	43,891	5,320	43.42	5.26	48.68	36.92	1.46	.....	10.76	52,766	2,931
2	8,213	43,281	....	38.54	.....	38.54	35.62	.....	.....	7.31	....	......
3	7,841	10,616	1,475	22.93	3.18	26.11	6.47	1.47	.....	16.94	14,629	1,829
4	2,831	11,774	5,448	30.91	14.30	45.21	39.25	.....	.....	7.43	87,178	12,454
5	2,524	13,421	....	24.55	.....	24.55	33.18	.....	.....	4.61	....	......
6	19,250	83,172	*	27.31	.....	.....	22.86	.....	.....	6.32	124,813	2,713
7	2,294	9,500	709	27.77	2.07	29.84	22.70	.....	.....	6.70	1,498	250
	53,835	215,655	12,952	31.20	5.90	33.07	27.60	.31	.....	7.79	280,884	2,553
	398,642	1,524,857	223,266	26.41	4.98	30.28	20.48	3.14	.35	6.90	5,571,395	6,281

THE PUBLIC

TABLE 18—FINANCIAL

Cities	County	Assessed Population	No. of Classrooms	Equalized Assessment per Classroom	Ave. Daily Attendance	Ave. Daily Attendance per Classroom	Pupil-Days Attended
GROUP A				$			
1 Toronto..........	York...........	645,462	1,909	487,080	73,491	38.50	14,183,763
GROUP B							
2 Hamilton........	Wentworth.....	154,020	527	292,592	19,904	37.77	3,722,627
3 Ottawa..........	Carleton.......	141,903	260	477,734	9,045	34.79	1,754,847
4 Windsor.........	Essex..........	101,435	308	241,364	11,363	36.89	2,178,006
5 London..........	Middlesex......	73,091	244	316,760	8,332	34.15	1,603,251
Totals and Averages, Group B.....		470,449	1,339	332,210	48,644	36.33	9,258,731
GROUP C							
6 Kitchener........	Waterloo.......	32,650	100	207,228	3,838	38.38	727,106
7 Brantford........	Brant..........	31,232	106	245,768	3,648	34.41	700,516
8 St. Catharines....	Lincoln.........	26,834	90	235,825	3,238	35.98	615,322
9 Oshawa..........	Ontario........	24,692	86	179,950	3,421	39.78	660,311
10 Kingston.........	Frontenac......	23,513	67	253,395	2,473	36.91	470,045
11 Peterborough.....	Peterborough...	23,072	77	282,911	2,527	32.82	485,247
12 Guelph...........	Wellington.....	21,455	62	193,480	2,291	36.95	444,444
Totals and Averages, Group C....		183,448	588	230,401	21,436	36.45	4,102,991
GROUP D							
13 Niagara Falls.....	Welland........	18,747	64	255,563	2,379	37.17	454,299
14 Sarnia...........	Lambton.......	18,230	68	240,302	2,266	35.34	436,020
15 Stratford.........	Perth..........	17,555	60	207,308	2,123	35.38	403,082
16 St. Thomas.......	Elgin..........	16,088	55	239,375	1,721	31.29	330,003
17 Chatham........	Kent...........	15,910	54	234,430	1,862	34.48	353,882
18 Belleville.........	Hastings.......	14,509	48	193,280	1,718	35.80	330,017
19 Galt.............	Waterloo.......	14,119	46	228,550	1,595	34.67	307,836
20 Owen Sound......	Grey...........	13,100	56	136,012	1,858	33.18	354,895
21 Woodstock.......	Oxford.........	11,040	35	203,119	1,227	35.05	234,417
22 Welland.........	Welland........	10,540	53	186,674	1,815	34.24	348,536
Totals and Averages, Group D....		149,838	539	220,567	18,564	34.44	3,552,987
Totals and Averages, Counties....		1,449,197	4,375	380,179	162,135	37.01	31,098,472
GROUP E	District						
23 Sudbury.........	Sudbury.......	24,440	43	207,742	1,483	34.49	283,337
24 Fort William.....	Thunder Bay..	24,231	89	284,310	3,000	33.37	537,158
25 Sault Ste. Marie..	Algoma........	23,627	78	229,803	2,696	34.56	517,685
26 Port Arthur......	Thunder Bay...	20,045	71	342,115	2,154	30.33	412,862
27 North Bay.......	Nipissing.......	15,161	47	155,713	1,464	31.15	279,714
Totals and Averages, Group E....		107,504	328	255,356	10,797	32.91	2,030,756
Totals and Averages, All Cities....		1,556,701	4,703	371,473	172,932	36.77	33,129,228

Cities in Counties: Group A—Cities with population over 200,000.
" " " Group B— " " " " 50,000 and under 200,000.
" " " Group C— " " " " 20,000 " " 50,000.
" " " Group D— " " " under 20,000.
Cities in Districts: Group E.

SCHOOLS

STATISTICS, 1936

	Tax Levy Receipts (Current and Capital) $	Legislative Grants $	Expenditures		Cost of Education per Pupil-Day (Cents)					Debenture Debt	
			Current $	Capital $	Current	Capital	Total	Tax Levy Share	Legislative Share	Total $	Per Classroom $
1	6,697,817	135,575	5,560,272	1,138,196	39.20	8.02	47.22	47.22	.95	14,327,304	7,505
2	1,262,877	32,003	1,023,049	274,641	27.48	7.38	34.86	33.92	.86	1,439,147	2,731
3	950,214	38,750	875,963	170,341	49.92	9.71	59.63	54.15	2.21	3,100,716	11,926
4	582,279	17,074	619,027	*	28.42	.....	.....	26.73	.86	3,508,746	11,392
5	693,491	18,537	585,305	139.475	36.51	8.70	45.21	43.25	1.15	843,293	3,456
	3,488,861	106,364	3,103,344	584,457	33.51	8.25	39.83	37.68	1.15	8,891,902	6,640
6	251,101	20,051	211,076	52,208	29.02	7.18	36.20	34.53	2.76	600,021	6,000
7	222,375	14,263	204,127	36,068	29.14	5.15	34.29	31.74	2.04	286,300	2,701
8	205,390	9,656	184,065	33,833	29.91	5.50	35.41	33.38	1.57	258,024	1,978
9	193,235	10,696	145,284	54,305	22.00	8.22	30.22	29.26	1.62	337,335	3,922
10	149,668	6,315	128,846	27,510	27.42	5.85	33.27	31.84	1.34	310,480	4,634
11	180,373	8,674	160,346	34,282	33.04	7.06	40.10	37.17	1.79	467,150	6,066
12	107,601	6,809	101,193	11,824	22.77	2.66	25.43	24.21	1.53	92,169	1,486
	1,309,743	76,464	1,134,937	250,030	27.66	6.09	33.75	31.92	1.86	2,351,479	3,999
13	120,639	5,289	111,090	15,418	24.45	3.39	27.84	26.55	1.16	288,967	4,515
14	138,376	8,043	131,535	23,246	30.17	5.33	35.50	31.74	1.84	160,372	2,358
15	131,848	6,728	105,709	30,412	26.22	7.54	33.76	32.71	1.67	175,011	2,917
16	102,236	4,540	90,398	10,471	27.39	3.17	30.56	30.98	1.38	37,844	688
17	98,977	6,183	102,712	5,020	29.02	1.42	30.44	27.97	1.75	5,020	93
18	103,259	4,033	77,040	31,737	23.34	9.62	32.96	31.29	1.22	415,954	8,665
19	79,891	4,129	80,098	7,391	26.02	2.40	28.42	25.95	1.34	25,344	551
20	79,502	7,387	86,856	....	24.47	.....	24.47	22.40	2.08	....	.....
21	55,830	2,674	54,060	9,850	24.00	4.20	28.20	23.82	1.14	95,660	2,733
22	114,829	5,450	100,664	20,310	28.88	5.83	34.71	32.95	1.56	277,646	5,238
	1,025,387	54,456	940,162	153,855	26.46	4.81	30.79	28.86	1.53	1,481,818	2,749
	12,521,808	372,859	10,738,714	2,126,538	34.53	7.44	41.97	40.27	1.20	27,052,503	6,183
23	70,797	3,915	68,636	8,916	24.22	3.15	27.37	24.99	1.38	205,604	4,781
24	234,203	9,432	185,373	59,755	34.51	11.12	45.63	43.60	1.76	813,000	9,134
25	215,258	7,147	141,851	81,508	27.40	15.74	43.14	41.58	1.38	647,130	8,296
26	179,601	5,958	133,780	54,129	32.40	13.11	45.51	43.50	1.44	327,838	4,617
27	89,362	7,115	77,258	22,738	27.62	8.12	35.74	31.94	2.54	135,613	2,885
	789,221	33,567	606,898	227,046	29.88	11.18	31.06	38.86	1.65	2,129,185	6,491
	13,311,029	406,426	11,345,613	2,353,584	34.25	7.69	41.94	40.18	1.23	29,181,688	6,205

THE PUBLIC

TABLE 18—FINANCIAL

	Towns	County	Assessed Population	No. of Classrooms	Equalized Assessment per Classroom $	Ave. Daily Attendance	Ave. Daily Attendance per Classroom	Pupil-Days Attended
	GROUP A							
1	Cornwall........	Stormont.......	12,681	22	328,947	831	37.77	158,683
2	Pembroke.......	Renfrew........	10,326	26	135,400	882	33.92	169,507
3	Brockville.......	Leeds..........	9,903	34	192,197	1,103	32.44	205,212
4	Orillia..........	Simcoe.........	8,808	31	176,366	1,158	37.36	224,657
5	Waterloo........	Waterloo.......	8,266	31	215.460	985	31.77	189,124
6	Barrie..........	Simcoe.........	8,126	31	169,107	1,037	33.45	198,073
7	Smith's Falls....	Lanark.........	7,623	26	158,113	849	32.65	162,989
8	Lindsay.........	Victoria........	7,116	27	181,063	853	31.59	163,752
9	Mimico.........	York...........	6,876	30	123,729	1,002	33.40	192,533
10	Eastview........	Carleton.......	6,852	8	45,843	191	23.87	36,558
11	New Toronto....	York...........	6,848	30	136,606	1,021	34.00	196,165
12	Midland........	Simcoe.........	6,690	22	212,982	864	39.27	150,510
13	Trenton........	Hastings.......	6,440	21	149,265	872	41.52	167,487
14	Preston.........	Waterloo.......	6,294	15	246,676	638	42.53	123,394
15	Port Colborne...	Welland........	6,196	32	141,476	1,266	39.56	243,194
	Totals and Averages, Group A....		119,045	386	179,172	13,552	35.11	2,581,838
	GROUP B							
16	Hawkesbury.....	Prescott........	5,922	4	181,132	122	30.50	23,551
17	Fort Erie.......	Welland........	5,655	35	138,168	884	25.26	169,884
18	Simcoe.........	Norfolk........	5,614	20	213,544	794	39.70	151,682
19	Brampton.......	Peel...........	5,568	20	173,493	648	32.40	125,159
20	Collingwood.....	Simcoe.........	5,498	20	121,757	703	35.15	134,642
21	Leamington.....	Essex..........	5,340	20	176,113	719	35.95	138,107
22	Renfrew........	Renfrew........	5,332	12	177,560	416	34.66	79,470
23	Ingersoll........	Oxford.........	5,139	20	142,726	659	32.95	125,893
24	Cobourg........	Northumberl'nd	5,063	19	138,305	643	33.31	122,300
25	Weston.........	York...........	5,028	20	183,905	627	31.35	120,545
26	Riverside.......	Essex..........	5,017	15	99,355	533	35.53	101,905
27	Thorold.........	Welland........	4,959	15	115,027	523	34.86	99,773
28	Dundas.........	Wentworth.....	4,757	15	175,473	579	38.60	110,607
29	Wallaceburg.....	Kent..........	4,660	15	101,764	545	36.33	104,244
30	Port Hope......	Durham........	4,564	16	158,770	589	36.81	112,504
31	Goderich........	Huron.........	4,336	15	120,217	514	34.26	98.790
32	Paris...........	Brant..........	4,315	15	195,801	470	31.33	90,239
33	Carleton Place...	Lanark.........	4,275	16	91,343	624	39.00	120,426
34	Arnprior........	Renfrew........	4,227	11	140,466	387	35.18	74,448
35	Perth...........	Lanark.........	4,184	12	125,844	395	32.91	75,955
36	Penetanguishene.	Simcoe.........	4,061	24	52,566	825	34.38	156,998
37	St. Mary's......	Perth..........	4,023	13	171,910	420	32.31	74,988
38	Dunnville.......	Haldimand.....	4,001	11	75,945	434	39.45	83,423
	Totals and Averages, Group B....		111,538	383	145,531	13,053	34.08	2,495,533
	GROUP C							
39	Oakville........	Halton.........	3,868	14	249,118	489	34.93	93,327
40	Whitby.........	Ontario........	3,778	12	173,752	431	35.92	82,267
41	Tillsonburg......	Oxford.........	3,702	13	165,000	521	40.07	100,044
42	Burlington......	Halton.........	3,639	14	217,378	462	33.00	88,968
43	Bowmanville....	Durham........	3,611	14	171,992	483	34.50	92,803
44	Newmarket.....	York...........	3,526	15	101,957	485	32.33	92,976
45	Picton..........	Prince Edward..	3,481	12	242,535	411	34.25	74,847
46	Gananoque......	Leeds..........	3,281	10	156,440	328	32.80	63,168
47	Hanover........	Grey...........	3,061	12	92,985	407	33.91	79,831
48	Napanee........	Lennox.........	3,061	11	103,455	372	33.82	71,606
49	Prescott........	Grenville.......	2,942	9	142,427	302	33.58	58,031
50	Strathroy.......	Middlesex......	2,911	11	153,392	397	36.09	75,848
51	Amherstburg....	Essex..........	2,879	7	224,638	191	27.28	37,652

SCHOOLS

STATISTICS, 1936

	Tax Levy Receipts (Current and Capital)	Legislative Grants	Expenditures		Cost of Education per Pupil-Day (Cents)					Debenture Debt	
			Current	Capital	Current	Capital	Total	Tax Levy Share	Legislative Share	Total	Per Classroom
	$	$	$	$						$	$
1	47,040	1,168	33,244	10,766	20.95	6.78	27.73	29.64	.74	130,635	5,938
2	36,838	2,024	38,792	*	22.88	.....	.....	21.73	1.19	52,642	2,024
3	51,600	2,861	54,259	....	26.44	.....	26.44	25.14	1.39	....	......
4	48,602	2,845	47,232	4,979	21.02	2.22	23.24	21.63	1.27	61,151	1,972
5	68,084	3,001	51,791	18,973	27.38	10.03	37.41	36.00	1.58	227,379	7,334
6	43,021	2,843	43,367	3,825	21.89	1.93	23.82	21.72	1.43	48,302	1,558
7	35,116	2,696	39,145	2,438	24.02	1.49	25.51	21.54	1.65	16,667	641
8	36,903	1,891	33,527	5,678	20.47	3.47	23.94	22.53	1.15	21,438	794
9	42,595	3,800	47,263	*	24.55	.....	.....	22.12	1.97	249,920	8,330
10	9,600	1,099	10,587	*	28.95	.....	.....	26.26	3.00	15,055	1,882
11	53,765	3,980	57,512	*	29.32	.....	.....	27.33	3.75	206,492	6,883
12	30,951	1,740	32,262	*	21.43	.....	.....	20.56	1.16	69,180	3,144
13	32,009	2,068	31,779	3,009	18.97	1.80	20.77	19.11	1.23	62,715	2,986
14	31,433	1,230	25,397	6,359	20.58	5.15	25.73	25.47	1.00	8,578	572
15	69,458	3,757	49,872	24,458	20.51	10.06	30.57	28.56	1.54	139,048	4,345
	637,015	37,003	596,029	80,485	23.09	4.38	27.47	24.67	1.43	1,309,202	3,391
16	3,553	314	6,191	....	26.29	.....	26.29	15.09	1.34	....	......
17	68,040	2,781	51,463	19,790	30.29	11.65	41.94	40.05	1.64	212,297	6,065
18	36,302	1,300	24,591	10,121	16.21	6.67	22.88	23.93	.86	109,540	5,477
19	37,817	1,828	29,786	9,741	23.80	7.78	31.58	30.21	1.46	61,853	3,092
20	25,360	2,009	27,892	168	20.71	.12	20.83	18.83	1.49	1,493	74
21	29,465	1,659	25,922	5,952	18.77	4.31	23.08	21.33	1.20	75,280	3,764
22	19,042	308	17,696	2,342	22.27	2.95	25.22	23.96	.39	8,304	692
23	42,607	2,063	28,089	15,872	22.31	12.61	34.92	33.84	1.64	52,746	2,637
24	30,614	1,508	25,024	6,016	20.46	4.92	25.38	25.03	1.23	25,158	1,324
25	26,286	1,622	29,162	*	24.19	.....	.....	21.80	1.34	90,262	4,513
26	19,304	2,121	21,810	*	21.40	.....	.....	18.94	2.08	180,201	1,201
27	21,918	1,970	23,586	*	23.63	.....	.....	21.97	1.97	97,110	6,474
28	24,544	1,174	19,664	5,864	17.78	5.30	23.08	22.19	1.06	36,498	2,433
29	21,506	2,129	19,949	2,077	19.14	1.99	21.13	20.63	2.04	53,949	3,596
30	23,387	1,243	19,174	4,587	17.04	4.08	21.12	20.79	1.10	37,534	2,345
31	20,534	1,510	20,422	1,534	20.67	1.55	22.22	20.78	1.52	5,506	367
32	21,700	1,413	23,764	....	26.33	.....	26.33	24.04	1.56	....	......
33	19,327	1,587	17,665	688	14.66	.57	15.23	16.05	1.32	7,199	450
34	16,223	1,054	13,499	4,035	18.13	5.41	23.55	21.79	1.42	41,502	3,773
35	18,007	404	17,393	1,821	22.90	2.40	25.30	23.71	.53	7,200	600
36	19,965	4,182	25,130	304	16.00	.19	16.19	12.71	2.66	11,850	493
37	19,300	1,043	19,764	....	26.25	.....	26.25	25.74	1.39	....	......
38	19,469	1,671	16,769	3,269	20.10	3.92	24.02	23.34	2.00	31,751	2,886
	584,270	36,896	524,405	94,181	21.01	3.88	24.89	23.41	1.48	1,147,233	2,995
39	31,642	872	21,517	10,842	23.05	11.62	34.67	33.90	.93	44,574	3,183
40	22,448	883	16,965	7,088	20.62	8.61	29.23	27.28	1.07	53,038	4,419
41	17,751	1,049	17,361	2,462	17.35	2.46	19.81	17.74	1.05	11,148	857
42	28,256	827	20,974	8,056	23.58	9.05	32.63	31.76	.93	63,549	4,539
43	20,367	1,003	20,446	2,367	22.03	2.55	24.58	21.94	1.08	19,878	1,420
44	24,105	1,575	22,325	5,605	24.01	6.03	30.04	25.92	1.69	50,360	3,357
45	18,424	1,163	18,032	2,024	24.09	2.70	26.79	24.61	1.55	20,392	1,699
46	11,857	650	13,936	1,257	22.06	1.99	24.05	18.77	1.03	57,979	5,798
47	15,135	1,711	14,859	1,634	18.62	2.04	20.66	18.96	2.14	8,037	670
48	14,313	1,281	14,896	....	20.80	.....	20.80	19.99	1.79	....	......
49	14,257	901	12,342	2,657	21.27	4.58	25.85	24.57	1.55	10,846	1,205
50	13,600	899	14,163	....	18.67	.....	18.67	17.93	1.18	....	......
51	12,063	718	11,971	....	31.79	.....	31.79	32.04	1.91	4,613	659

THE PUBLIC

TABLE 18—FINANCIAL

	Towns	County	Assessed Population	No. of Classrooms	Equalized Assessment per Classroom $	Ave. Daily Attendance	Ave. Daily Attendance per Classroom	Pupil-Days Attended
52	Hespeler........	Waterloo.......	2,861	14	125,000	436	31.14	83,745
53	Campbellford....	Northumberl'nd	2,849	12	109,496	319	26.58	61,426
54	Listowel........	Perth..........	2,819	9	173,227	275	30.55	55,031
55	Aurora.........	York..........	2,758	10	133,567	364	36.40	70,047
56	Petrolia.........	Lambton.......	2,720	11	95,363	358	32.54	68,870
57	Meaford........	Grey..........	2,719	11	68,182	311	28.27	59,465
58	Merritton.......	Lincoln........	2,543	9	173,156	282	31.33	54,039
59	Orangeville......	Dufferin........	2,479	9	138,211	289	32.11	55,905
60	Kincardine......	Bruce..........	2,468	9	84,557	332	36.66	63,745
61	Tecumseh.......	Essex..........	2,432	2	366,469	63	31.50	12,412
62	Almonte........	Lanark.........	2,431	7	126,907	248	35.42	47,897
63	Walkerton......	Bruce..........	2,350	6	99,861	161	26.83	30,734
64	Kingsville.......	Essex..........	2,282	11	198,164	343	31.18	65,962
65	Georgetown.....	Halton.........	2,189	8	201,736	282	35.25	52,520
66	Wingham.......	Huron.........	2,115	8	111,356	230	28.75	44,230
67	Elmira..........	Waterloo.......	2,063	8	238,486	323	40.37	62,038
68	Rockland.......	Russell.........	2,054	1	88,640	23	23.00	4,448
	Totals and Averages, Group C....		85,872	299	155,740	9,918	33.17	1,903,882
	GROUP D							
69	Aylmer.........	Elgin..........	1,995	10	182,541	324	32.40	62,155
70	Tilbury.........	Kent..........	1,992	4	114,735	128	32.00	24,589
71	Ridgetown......	Kent..........	1,983	8	106,493	259	32.37	49,582
72	Grimsby........	Lincoln........	1,976	9	155,781	301	33.44	57,506
73	Leaside.........	York..........	1,965	8	405,086	264	33.00	50,794
74	Alexandria......	Glengarry......	1,926	2	106,930	29	14.50	5,687
75	Clinton.........	Huron.........	1,865	7	109,924	191	27.30	36,753
76	Durham........	Grey..........	1,816	8	63,551	226	28.25	43,242
77	Mount Forest...	Wellington.....	1,815	5	167,675	172	34.40	33,213
78	Essex..........	Essex..........	1,798	8	127,937	260	32.50	49,741
79	Milton.........	Halton.........	1,785	8	238,305	251	31.37	47,980
80	Chesley........	Bruce..........	1,766	6	121,572	209	34.83	39,558
81	Wiarton........	Bruce..........	1,766	8	73,760	263	32.63	50,589
82	Blenheim.......	Kent..........	1,755	8	126,453	273	34.12	52,301
83	Seaforth........	Huron.........	1,717	7	107,568	171	24.44	32,957
84	Forest..........	Lambton.......	1,586	4	142,400	163	40.75	31,241
85	Mitchell........	Perth..........	1,577	5	188,546	187	37.40	37,481
86	Niagara.........	Lincoln........	1,563	5	173,222	163	32.60	31,203
87	Uxbridge........	Ontario........	1,483	7	95,489	217	31.00	42,285
88	Dresden........	Kent..........	1,468	6	93,274	197	32.83	37,728
89	Palmerston......	Wellington.....	1,410	6	136,875	181	30.16	34,324
90	Alliston.........	Simcoe.........	1,320	7	135,978	227	32.43	43,676
91	Vankleek Hill....	Prescott.......	1,288	3	85,529	53	17.67	10,202
92	Deseronto.......	Hastings.......	1,287	6	68,593	186	31.00	34,276
93	Harriston.......	Wellington.....	1,273	5	176,971	187	37.40	35,971
94	Southampton....	Bruce..........	1,255	5	100,278	163	32.60	30,037
95	Stayner.........	Simcoe.........	999	4	210,250	110	27.50	21,027
96	Parkhill.........	Middlesex......	997	3	172,176	110	36.67	20,020
97	Harrow.........	Essex..........	918	5	164,295	170	34.00	32,977
98	La Salle.........	Essex..........	782	1	402,088	24	24.00	4,438
99	Thornbury......	Grey..........	744	3	72,500	95	31.67	18,273
100	Bothwell........	Kent..........	642	2	104,542	75	37.50	14,462
	Totals and Averages, Group D...		48,512	183	142,999	5,829	31.85	1,116,268
	Totals and Averages, Counties....		364,967	1,251	157,981	42,352	33.85	8,097,521
	Districts GROUP E							
101	Timmins........	Cochrane.......	20,869	48	107,564	1,807	37.64	344,532

SCHOOLS

STATISTICS, 1936

	Tax Levy Receipts (Current and Capital) $	Legislative Grants $	Expenditures		Cost of Education per Pupil-Day (Cents)					Debenture Debt	
			Current $	Capital $	Current	Capital	Total	Tax Levy Share	Legislative Share	Total $	Per Classroom $
52	22,560	1,501	19,235	6,277	22.97	7.49	30.46	26.94	1.79	21,210	1,515
53	11,427	1,080	14,403	....	23.44	.....	23.44	18.60	1.75	....	......
54	10,690	600	10,792	1,089	19.84	1.98	21.82	19.42	1.09	9,136	1,015
55	14,300	1,195	15,512	....	22.14	.....	22.14	20.40	1.70	....	......
56	14,474	1,242	15,239	129	22.13	.19	22.32	21.01	1.80	....	......
57	13,500	924	13,772	....	23.16	.....	23.16	22.70	1.55	881	80
58	16,181	748	14,578	3,853	26.97	7.13	34.10	29.95	1.38	30,799	3,422
59	12,252	779	12,863	....	23.00	.....	23.00	21.91	1.39	....	......
60	9,470	850	10,045	151	15.76	.24	16.00	14.86	1.33	8,500	944
61	2,072	227	2,679	*	21.58	.....	.....	16.69	1.83	16,042	8,021
62	7,760	614	9,226	....	19.26	.....	19.26	16.20	1.28	....	......
63	7,883	693	8,563	259	27.86	.84	28.70	25.65	2.25	....	......
64	11,920	635	13,236	*	20.07	.....	.....	18.04	.96	75,280	6,843
65	12,407	584	12,326	807	23.47	1.54	25.01	23.62	1.11	....	......
66	8,463	1,610	11,177	....	25.27	.....	25.27	19.13	3.64	....	......
67	9,540	569	10,890	595	17.55	.96	18.51	15.38	.92	....	......
68	631	100	848	....	19.06	.....	19.06	14.18	2.24	....	......
	429,748	27,483	415,171	57,152	21.81	3.13	24.94	22.57	1.44	506,262	1,693
69	11,393	1,260	11,668	1,203	18.77	1.93	20.70	18.33	2.03	12,036	1,203
70	4,061	564	4,599	384	18.70	1.56	20.26	16.51	2.29	385	96
71	9,334	1,565	10,155	....	20.48	.....	20.48	18.82	3.15	....	......
72	11,582	1,408	13,014	534	22.63	.93	23.56	20.14	2.44	534	59
73	16,879	879	16,726	*	32.93	.....	.....	33.23	1.73	102,113	12,764
74	2,806	288	2,843	....	49.99	.....	49.99	49.34	5.08	....	......
75	9,465	1,356	8,624	1,965	23.46	5.34	28.80	25.75	3.69	21,000	3,000
76	5,549	1,525	7,786	....	18.00	.....	18.00	12.83	3.52	....	......
77	5,600	712	6,051	....	18.22	.....	18.22	16.86	2.14	....	......
78	7,140	834	8,543	*	17.17	.....	.....	14.35	1.68	13,512	1,689
79	7,124	612	9,187	725	19.14	1.51	20.65	14.84	1.27	5,722	715
80	6,386	1,071	8,729	....	22.06	.....	22.06	16.14	2.70	....	......
81	7,957	1,886	10,376	457	20.51	.90	21.41	15.73	3.73	4,113	514
82	9,750	1,188	10,004	464	19.13	.89	20.02	18.64	2.27	3,199	400
83	7,800	1,327	8,336	298	25.31	.91	26.22	23.67	4.03	598	85
84	4,000	696	6,483	....	20.75	.....	20.75	12.80	2.23	....	......
85	8,464	713	7,039	2,064	18.78	5.50	24.28	22.58	1.90	13,102	2,620
86	7,180	571	6,737	615	21.59	1.97	23.56	23.01	1.83	1,534	307
87	7,800	787	7,962	....	18.83	.....	18.83	18.44	1.86	....	......
88	5,046	777	6,285	....	16.65	.....	16.65	13.37	2.06	....	......
89	6,597	661	7,294	....	21.25	.....	21.25	19.22	1.92	....	......
90	7,748	838	9,076	948	20.78	2.17	22.95	17.74	1.92	7,552	1,079
91	2,800	543	3,388	....	33.20	.....	33.20	27.44	5.32	....	......
92	4,800	867	5,592	852	16.31	2.49	18.80	14.00	2.53	4,356	726
93	5,687	574	6,122	981	17.02	2.73	19.75	15.81	1.60	5,008	1,002
94	5,907	1,173	6,768	338	22.53	1.12	23.65	19.66	3.90	1,999	400
95	3,305	260	4,154	2,304	19.76	10.96	30.72	15.72	1.24	24,115	6,029
96	3,200	389	3,570	....	17.83	.....	17.83	15.98	1.94	....	......
97	4,900	595	5,810	....	17.62	.....	17.62	14.86	1.80	....	......
98	1,886	66	1,849	*	41.67	.....	.....	42.49	1.49	20,064	20,064
99	2,445	345	2,983	....	16.32	.....	16.32	13.38	1.89	....	......
100	2,050	626	2,852	....	19.72	.....	19.72	14.17	4.33	....	......
	206,641	26,956	230,605	14,132	20.66	1.40	22.06	18.51	2.41	240,942	1,317
	1,857,674	128,335	1,766,210	245,950	21.81	3.46	25.27	22.94	1.58	3,203,639	2,561
101	93,829	7,385	87,895	27,855	25.51	8.09	33.60	27.23	2.14	215,160	4,482

THE PUBLIC

TABLE 18—FINANCIAL

Towns	County	Assessed Population	No. of Classrooms	Equalized Assessment per Classroom $	Ave. Daily Attendance	Ave. Daily Attendance per Classroom	Pupil-Days Attended
GROUP F							
102 Kenora.........	Kenora.........	7,962	28	156,303	1,045	37.32	199,606
103 Fort Frances....	Rainy River....	5,509	28	143,322	872	31.13	166,612
104 Sturgeon Falls...	Nipissing.......	4,993	6	207,713	197	32.83	37,701
105 Copper Cliff.....	Sudbury........	3,539	15	310,154	544	36.26	98,715
106 Cochrane........	Cochrane.......	3,404	12	106,066	379	31.58	72,497
107 Parry Sound.....	Parry Sound....	3,395	15	108,481	556	37.06	106,651
108 Kapuskasing....	Cochrane.......	3,351	11	233,982	336	30.54	64,542
109 Cobalt..........	Temiskaming...	3,022	11	85,383	376	34.18	71,994
110 New Liskeard...	Temiskaming...	2,865	12	131,528	400	33.33	76,536
111 Huntsville.......	Muskoka.......	2,700	11	97,985	437	39.72	82,295
112 Haileybury......	Temiskaming...	2,622	7	154,996	225	32.14	42,837
113 Blind River.....	Algoma........	2,621	6	69,156	202	33.66	38,989
114 Bracebridge.....	Muskoka.......	2,589	10	100,924	384	38.40	73,029
115 Coniston........	Sudbury........	2,019	3	96,863	88	29.33	16,889
Totals and Averages, Group F....		50,591	175	149,469	6,041	34.52	1,148,893
GROUP G							
116 Gravenhurst.....	Muskoka.......	1,996	11	76,765	361	32.82	69,379
117 Mattawa........	Nipissing.......	1,906	1	113,074	28	28.00	5,288
118 Sioux Lookout...	Kenora.........	1,877	9	76,866	270	30.00	51,553
119 Capreol.........	Sudbury........	1,745	10	82,387	384	38.40	73,184
120 Dryden.........	Kenora.........	1,588	8	187,854	287	35.87	55,725
121 Thessalon.......	Algoma........	1,583	8	76,611	277	34.62	53,351
122 Keewatin.......	Kenora.........	1,490	7	201,039	219	31.28	41,825
123 Rainy River.....	Rainy River....	1,304	5	102,683	158	31.60	30,196
124 Iroquois Falls...	Cochrane.......	1,300	6	317,449	182	30.33	34,962
125 Englehart.......	Temiskaming...	1,173	8	56,518	256	32.00	28,947
126 Little Current...	Manitoulin.....	1,123	4	64,298	118	29.50	22,693
127 Cache Bay......	Nipissing.......	1,065	2	82,626	61	30.50	12,456
Totals and Averages, Group G...		18,150	79	109,796	2,601	32.92	479,559
GROUP H							
128 Smooth R'ck F'lls	Cochrane......	921	4	121,566	104	26.00	20,127
129 Powassan.......	Parry Sound....	810	4	71,330	150	37.50	28,670
130 Gore Bay.......	Manitoulin.....	739	3	83,756	94	31.33	18,169
131 Hearst..........	Cochrane.......	708	3	50,295	84	27.00	15,210
132 Massey.........	Sudbury........	682	3	29,862	71	23.66	13,747
133 Webbwood......	Sudbury........	458	4	32,399	115	28.75	20,169
134 Bruce Mines.....	Algoma........	412	3	81,600	104	34.66	20,088
135 Trout Creek.....	Parry Sound....	403	2	47,564	81	40.50	15,535
136 Bala............	Muskoka.......	366	2	245,713	61	30.50	11,367
137 Matheson.......	Cochrane.......	352	4	62,513	104	26.00	21,039
138 Nesterville......	Algoma........	325	1	34,007	54	54.00	10,394
139 Latchford.......	Temiskaming...	312	2	37,415	68	34.00	12,979
140 Kearney........	Parry Sound....	298	2	26,794	53	26.50	10,233
141 Charlton........	Temiskaming...	201	3	32,674	70	23.33	13,628
142 Frood Mine.....	Sudbury.......	158	1	163,402	19	19.00	3,820
Totals and Averages, Group H....		7,145	41	70,687	1,232	30.05	235,175
Totals and Averages, Districts....		96,755	343	125,050	11,681	34.06	2,208,159
Totals and Averages, All Towns...		461,722	1,594	150,895	54,033	33.90	10,305,680

†Includes High School.

Counties

Group A—Towns with population over 6,000.
" B— " " " " 4,000 and under 6,000.
" C— " " " " 2,000 " " 4,000.
" D— " " " under 2,000.

SCHOOLS

STATISTICS, 1936

	Tax Levy Receipts (Current and Capital)	Legislative Grants	Expenditures		Cost of Education per Pupil-Day (Cents)					Debenture Debt	
			Current	Capital	Current	Capital	Total	Tax Levy Share	Legislative Share	Total	Per Classroom
	$	$	$	$						$	$
102	50,288	2,211	40,556	11,988	20.32	6.00	26.32	25.19	1.11	94,674	3,381
103	54,965	2,777	44,044	16,809	26.43	10.08	36.51	32.98	1.67	107,185	3,829
104	3,683	421	9,423	2,089	25.00	5.54	30.54	9.77	1.12	....	......
105	27,178	1,035	25,847	2,220	26.18	2.25	28.43	27.53	1.05	15,263	1,017
106	20,584	1,789	20,474	2,567	28.24	3.54	31.78	28.39	2.47	23,751	1,979
107	22,667	1,641	23,126	3,153	21.68	2.96	24.64	21.25	1.54	33,719	2,248
108	32,230	2,816	23,537	8,600	36.47	13.33	49.50	49.94	4.36	105,575	9,597
109	19,238	6,058	25,508	....	35.43	.....	35.43	26.72	8.41	....	......
110	22,874	1,259	19,548	4,537	25.54	5.92	31.46	29.89	1.65	18,857	1,571
111	12,750	1,132	13,600	222	16.52	.27	16.79	15.49	1.37	....	......
112	13,678	790	12,465	1,431	29.10	3.34	32.44	31.93	1.85	3,898	557
113	5,589	715	7,040	....	18.05	.....	18.05	14.33	1.83	....	......
114	12,205	1,050	12,526	759	17.15	1.04	18.19	16.71	1.44	3,111	311
115	6,577	730	6,156	....	36.45	.....	36.45	38.94	4.32	....	......
	304,506	24,424	283,850	54,375	24.71	5.33	30.04	26.50	2.13	406,033	2,320
116	15,722	2,077	14,190	5,271	20.45	7.60	28.05	22.66	2.99	28,123	2,557
117	946	105	1,089	....	20.59	.....	20.59	17.89	1.99	....	......
118	13,850	3,136	12,417	4,950	24.09	9.60	33.69	26.86	6.08	44,782	4,976
119	15,329	1,986	13,100	4,779	17.90	6.81	24.71	21.84	2.82	17,070	1,707
120	14,843	1,403	11,920	4,693	21.39	8.42	29.61	26.63	2.52	43,559	5,444
121	8,876	1,235	8,069	1,301	15.12	2.43	17.65	16.64	2.31	4,553	569
122	12,483	677	9,344	4,183	22.34	10.00	32.34	29.84	1.62	24,323	3,475
123	7,905	1,463	9,802	....	32.46	.....	32.46	26.18	4.84	....	......
124	11,406	609	12,120	3,211	34.67	9.18	43.85	32.62	1.74	‡79,734	13,289
125	12,546	2,486	11,012	4,671	38.04	16.14	54.18	43.34	8.59	45,630	5,704
126	3,100	929	4,177	....	18.41	.....	18.41	13.66	4.09	....	......
127	1,735	424	2,143	....	17.20	.....	17.20	13.93	3.40	....	......
	118,741	16,530	109,383	33,059	22.81	8.08	30.89	24.76	3.45	287,774	3,642
128	3,921	594	6,937	*	34.46	.....	.....	19.48	2.95	45,600	11,400
129	7,343	1,181	4,446	2,033	15.50	7.09	22.59	25.61	4.12	26,439	6,610
130	3,100	474	3,047	778	16.77	4.28	21.05	17.06	2.61	†32,691	10,897
131	3,188	1,078	4,096	....	26.93	.....	26.93	20.96	7.08	....	......
132	2,647	806	2,953	154	21.48	1.12	22.60	19.25	5.86	617	206
133	2,700	1,553	4,127	....	20.46	.....	20.46	13.39	7.75	....	......
134	5,910	815	4,425	1,210	22.03	6.02	28.05	29.42	4.06	13,367	4,456
135	1,214	963	2,199	....	14.15	.....	14.15	7.81	6.20	....	......
136	3,000	491	3,357	....	29.53	.....	29.53	26.39	4.32	....	......
137	5,756	1,551	6,310	398	29.99	1.89	31.88	27.35	7.37	1,893	473
138	600	243	867	....	8.34	.....	8.34	5.77	2.34	....	......
139	2,334	1,041	2,682	....	20.66	.....	20.66	17.98	8.02	....	......
140	710	1,299	2,088	....	20.40	.....	20.40	6.94	12.69	....	......
141	1,371	2,744	6,089	....	44.68	.....	44.68	10.06	20.14	....	......
142	1,307	104	1,500	....	39.26	.....	39.26	34.21	2.72	....	......
	42,101	14,937	55,123	4,573	23.44	2.13	25.57	17.90	6.35	120,607	2,942
	559,177	63,276	536,251	119,862	24.28	5.48	29.76	25.32	2.87	1,029,574	3,002
	2,416,851	191,611	2,302,461	365,812	22.34	3.94	26.28	23.45	1.86	4,233,213	2,656

‡ 7/11 of this debt is chargeable to the High School.

Districts

Group E—Towns with population over 10,000.
" F— " " " " 2,000 and under 10,000.
" G— " " " " 1,000 " " 2,000.
" H— " " " under 1,000.

THE PUBLIC

TABLE 18—FINANCIAL

	Villages	County	Assessed Population	No. of Classrooms	Equalized Assessment per Classroom $	Ave. Daily Attendance	Ave. Daily Attendance per Classroom	Pupil-Days Attended
	GROUP A							
1	Forest Hill	York	9,147	30	410,458	940	31.33	180,655
2	Swansea	York	5,504	20	172,138	592	29.50	114,248
3	Rockcliffe Park	Carleton	1,140	5	473,324	99	19.80	18,829
	Totals and Averages, Group A		15,791	55	288,285	1,631	29.65	313,732
	GROUP B							
4	Long Branch	York	4,099	20	771,362	753	37.65	145,361
5	Fergus	Wellington	2,785	10	172,508	380	38.00	73,011
6	Humberstone	Welland	2,563	14	53,891	480	34.28	91,932
	Totals and Averages, Group B		9,447	44	91,877	1,613	36.66	310,304
	GROUP C							
7	Acton	Halton	1,993	8	161,599	272	34.00	51,866
8	Port Credit	Peel	1,755	8	163,527	271	33.88	52,495
9	Delhi	Norfolk	1,701	7	128,442	240	34.28	46,028
10	Port Dover	Norfolk	1,665	7	234,408	238	34.00	45,306
11	Exeter	Huron	1,629	6	120,350	201	33.50	38,280
12	Cardinal	Grenville	1,471	6	82,943	249	41.50	47,085
13	New Hamburg	Waterloo	1,464	6	150,667	197	32.83	38,467
14	Port Dalhousie	Lincoln	1,459	6	105,088	173	28.88	32,016
15	Brighton	Northumberl'nd	1,420	6	118,566	203	33.83	39,150
16	Morrisburg	Dundas	1,416	6	139,743	209	34.83	40,231
17	Caledonia	Haldimand	1,370	6	41,667	185	30.83	35,225
18	Hagersville	Haldimand	1,345	6	75,000	218	36.33	42,006
19	Lakefield	Peterborough	1,337	6	64,774	215	35.83	41,163
20	Tweed	Hastings	1,311	6	136,309	168	28.00	31,641
21	Richmond Hill	York	1,268	7	97,564	242	34.58	46,646
22	Port Elgin	Bruce	1,267	5	85,641	141	28.20	27,103
23	Madoc	Hastings	1,253	6	88,746	214	35.66	41,202
24	Point Edward	Lambton	1,252	5	67,220	184	36.80	35,611
25	Waterford	Norfolk	1,250	5	219,816	187	37.40	35,805
26	Beamsville	Lincoln	1,208	5	150,195	173	34.60	33,153
27	Havelock	Peterborough	1,208	5	46,115	172	34.40	33,245
28	Chippawa	Welland	1,187	5	145,327	169	33.80	32,507
29	Kemptville	Grenville	1,178	5	65,000	151	30.20	29,046
30	Norwich	Oxford	1,174	5	131,783	162	32.40	31,176
31	Stouffville	York	1,155	5	111,282	154	30.80	29,405
32	Elora	Wellington	1,138	5	137,731	145	29.00	27,746
33	Port Perry	Ontario	1,124	5	127,897	156	31.20	30,160
34	Shelburne	Dufferin	1,114	5	114,013	119	23.80	23,036
35	Markham	York	1,112	3	151,183	113	37.66	21,378
36	Iroquois	Dundas	1,068	5	147,955	94	18.80	20,845
37	Lucknow	Bruce	1,068	4	80,438	114	28.50	21,985
38	Chesterville	Dundas	1,067	4	112,450	126	31.50	23,973
39	Arthur	Wellington	1,052	4	176,092	115	28.75	22,007
40	Fenelon Falls	Victoria	1,051	4	139,322	118	29.50	22,288
41	Victoria Harbour	Simcoe	1,043	6	24,500	213	35.50	40,916
42	Barry's Bay	Renfrew	1,034	1	59,457	22	22.00	4,206
43	Tavistock	Oxford	1,034	4	126,625	114	28.50	21,151
44	Winchester	Dundas	1,029	5	151,808	165	33.00	31,768
45	L'Orignal	Prescott	1,012	7	25,338	171	24.44	32,681
46	Eganville	Renfrew	994	3	125,148	87	29.00	16,884
47	Bradford	Simcoe	989	4	217,543	127	31.75	24,033
48	Bobcaygeon	Victoria	987	4	130,180	140	35.00	26,218
49	Milverton	Perth	987	4	160,288	108	27.00	21,623
50	Beaverton	Ontario	976	3	161,983	123	41.00	22,078
51	Bancroft	Hastings	970	6	23,283	206	34.33	39,436
52	Colborne	Northumberl'nd	954	4	134,796	145	36.25	27,863

SCHOOLS

STATISTICS, 1936

	Tax Levy Receipts (Current and Capital)	Legislative Grants	Expenditures		Cost of Education per Pupil-Day (Cents)					Debenture Debt	
			Current	Capital	Current	Capital	Total	Tax Levy Share	Legislative Share	Total	Per Classroom
	$	$	$	$						$	$
1	105,229	3,698	80,940	37,213	44.80	20.59	65.39	58.25	2.05	488,805	16,293
2	47,846	5,547	42,114	12,345	36.86	10.80	47.66	41.88	4.85	113,254	5,663
3	13,002	465	11,952	4,248	63.47	22.56	86.04	69.04	2.47	76,200	15,240
	166,077	9,710	135,006	53,806	43.03	17.15	60.18	52.93	3.09	678,259	12,331
4	41,507	3,693	26,993	16,799	18.57	11.56	30.13	28.55	2.54	175,165	8,758
5	12,100	1,284	12,349	....	16.91	.....	16.91	16.57	1.75	....	......
6	21,373	4,015	20,130	5,623	21.89	6.12	28.01	23.24	4.37	59,416	4,244
	74,980	8,992	59,472	22,422	19.16	7.22	26.38	24.16	2.90	234,581	5,332
7	8,400	931	9,303	422	17.93	.81	18.74	16.19	1.79	2,447	306
8	19,010	1,652	14,061	5,230	26.79	9.96	36.75	36.21	3.15	50,087	6,261
9	5,500	870	8,095	....	17.59	.....	17.59	11.95	1.89	....	......
10	6,493	505	7,857	2,223	17.34	4.91	22.25	14.33	1.12	11,982	1,711
11	5,729	832	6,507	....	16.99	.....	16.99	14.96	2.17	....	......
12	5,522	1,350	6,791	....	14.42	.....	14.42	11.72	2.87	....	......
13	8,293	829	7,449	385	19.36	1.00	20.36	21.55	2.15	2,312	385
14	6,646	1,250	7.768	681	24.26	2.13	26.39	20.76	3.90	5,944	991
15	7,679	765	6,276	2,179	16.03	5.56	21.59	19.61	1.95	14,824	2,471
16	7,003	1,122	8,721	....	21.67	.....	21.67	17.40	2.79	....	......
17	5,725	2,072	7,906	....	22.44	.....	22.44	16.25	5.88	....	......
18	6,436	1,727	7,981	516	19.00	1.23	20.23	15.32	4.11	516	86
19	5,600	1,730	8,911	....	21.65	.....	21.65	13.60	4.20	....	......
20	9,178	2,968	11,994	871	37.91	2.76	40.67	29.01	9.38	4,867	811
21	9,799	1,752	10,309	598	22.10	1.28	23.38	21.00	3.75	12,765	1,823
22	5,075	752	5,810	....	21.43	.....	21.43	18.72	2.77	....	......
23	4,834	1,591	7,887	....	19.14	.....	19.14	11.73	3.86	....	......
24	7,468	1,623	7,154	2,265	20.08	6.36	26.44	20.97	4.57	....	......
25	5,028	553	6,571	....	18.35	.....	18.35	14.04	1.54	....	......
26	5,889	771	6,859	....	20.69	.....	20.69	17.76	2.32	....	......
27	5,234	2,158	6,056	526	18.21	1.58	19.79	15.74	6.49	4,553	911
28	9,429	864	8,396	1,029	25.83	3.17	29.00	29.00	2.66	3,937	787
29	5,794	2,709	6,719	404	23.13	1.39	24.52	19.94	9.32	19,615	3,923
30	5,806	639	6,486	380	20.80	1.22	22.02	18.62	2.05	359	72
31	6,357	881	5,848	1,799	19.88	6.12	26.00	21.62	3.00	11,398	2,279
32	4,975	798	5,904	497	21.28	1.79	23.07	17.93	2.88	3,595	719
33	8,455	771	6,472	1,755	21.46	5.82	27.28	28.03	2.56	20,267	4,053
34	5,535	815	5,977	520	25.94	2.26	28.20	24.03	3.54	10,410	2,082
35	2,935	334	3,812	194	17.83	.91	18.74	13.72	1.56	1,109	369
36	4,239	564	4,949	....	23.74	.....	23.74	20.33	2.70	2,500	500
37	4,120	852	4,254	1,101	19.35	5.01	24.36	18.74	3.87	2,998	749
38	4,680	693	5,011	....	20.90	.....	20.90	19.52	2.87	....	......
39	3,475	336	4,380	....	19.90	.....	19.90	15.79	1.52	....	......
40	2,952	368	4,137	....	18.56	.....	18.56	13.24	1.65	....	......
41	3,900	3,036	7,267	....	17.76	.....	17.76	9.53	7.42	....	......
42	584	105	681	....	16.19	.....	16.19	13.88	2.50	....	......
43	3,999	426	4,458	....	21.07	.....	21.07	18.90	2.01	....	......
44	7,350	685	5,864	1,951	18.45	6.14	24.59	23.13	2.16	25,370	5,074
45	3,225	2,079	4,772	....	14.60	.....	14.60	9.87	6.36	....	......
46	5,219	406	3,493	2,209	20.69	13.08	33.77	30.91	2.40	15,992	5,330
47	4,200	421	4,744	....	19.74	.....	19.74	17.47	1.75	....	......
48	5,386	821	5,996	....	22.87	.....	22.87	20.54	3.13	....	......
49	4,038	545	4,694	....	21.71	.....	21.71	18.67	2.52	....	......
50	6,501	274	4,138	2,752	18.75	12.47	31.22	29.45	1.25	30,951	10,317
51	4,700	2,370	5,411	836	13.72	2.12	15.84	11.92	6.00	12,552	2,092
52	5,638	547	5,101	....	18.30	.....	18.30	20.23	1.96	....	......

THE PUBLIC

TABLE 18—FINANCIAL

Villages	County	Assessed Population	No. of Classrooms	Equalized Assessment per Classroom $	Ave. Daily Attendance	Ave. Daily Attendance per Classroom	Pupil-Days Attended
53 Marmora.......	Hastings.......	948	5	46,336	168	33.60	32,150
54 Watford........	Lambton.......	941	4	104,175	121	30.25	23,405
55 Stirling.........	Hastings.......	935	4	123,429	138	34.50	26,637
56 Port McNicoll...	Simcoe.........	933	7	84,714	221	55.25	42,959
57 Waterdown.....	Wentworth.....	875	4	255,436	124	31.00	23,977
58 Wellington......	Prince Edward..	872	6	261,436	216	36.00	37,204
59 Frankford.......	Hastings.......	845	4	90,974	143	35.75	27,577
60 Teeswater.......	Bruce..........	837	3	95,325	82	27.33	15,875
61 Stoney Creek....	Wentworth.....	833	6	199,647	219	36.50	40,052
62 Sutton..........	York...........	831	5	142,527	190	38.00	30,878
63 Portsmouth.....	Frontenac......	824	2	91,244	80	40.00	15,391
64 Hastings........	Northumberland	811	2	129,608	90	45.00	17,370
65 Fonthill.........	Welland........	803	5	121,172	149	29.80	28,666
66 Markdale.......	Grey...........	802	3	112,277	93	31.00	17,802
67 Paisley..........	Bruce..........	792	3	121,312	102	34.00	19,598
68 Thamesville.....	Kent...........	788	4	109,043	139	34.75	26,713
69 Brussels........	Huron.........	787	3	123,033	92	30.66	17,533
70 Glencoe.........	Middlesex......	778	4	171,867	122	30.50	23,307
71 Dutton..........	Elgin..........	776	4	192,454	109	27.25	20,964
72 Merrickville.....	Grenville.......	776	4	68,750	141	35.25	21,770
73 Ayr............	Waterloo.......	770	3	139,000	90	30.00	17,285
74 West Lorne.....	Elgin..........	769	4	168,522	127	31.75	24,428
75 Woodbridge.....	York...........	763	4	99,295	128	32.00	24,601
76 Cannington.....	Ontario........	761	3	142,280	95	31.66	18,571
77 Norwood........	Peterborough...	753	5	70,279	117	35.40	22,595
78 Mildmay........	Bruce..........	750	2	75,661	54	27.00	10,297
Totals and Averages, Group C....		77,892	341	122,067	11,059	32.43	2,105,738
GROUP D							
79 Belle River......	Essex..........	748	1	159,450	15	15.00	2,760
80 Maxville........	Glengarry......	741	4	105,924	116	29.00	22,188
81 Port Stanley.....	Elgin..........	741	4	247,956	109	27.25	20,832
82 Rodney.........	Elgin..........	724	3	212,671	91	30.33	17,518
83 Wheatley.......	Kent...........	724	4	107,604	122	30.50	23,428
84 Millbrook.......	Durham........	723	3	121,232	97	32.33	18,585
85 Westport.......	Leeds..........	720	2	92,500	68	34.00	13,323
86 Hensall.........	Huron.........	719	3	111,933	79	26.33	15,235
87 Newcastle.......	Durham........	675	3	106,092	80	26.66	15,376
88 Cayuga.........	Haldimand.....	674	4	32,500	95	23.75	19,660
89 Athens.........	Leeds..........	669	4	56,997	100	25.00	19,224
90 Port Rowan.....	Norfolk........	666	3	182,582	81	27.00	15,615
91 Bloomfield......	Prince Edward..	663	3	217,343	81	27.00	15,355
92 Dundalk........	Grey...........	652	3	108,113	90	30.00	16,936
93 Alvinston.......	Lambton.......	643	3	120,167	82	27.33	15,841
94 Cobden.........	Renfrew........	637	4	96,859	88	22.00	16,227
95 Killaloe Station..	Renfrew........	636	2	48,636	50	25.00	9,719
96 Streetsville......	Peel...........	636	4	153,450	129	32.25	24,537
97 Creemore.......	Simcoe.........	631	3	151,296	65	21.66	12,641
98 Blyth...........	Huron.........	624	3	105,917	64	21.33	12,372
99 Lanark.........	Lanark.........	623	3	64,907	97	32.33	18,579
100 Lucan..........	Middlesex......	613	2	162,848	85	42.50	16,566
101 Lancaster.......	Glengarry......	608	2	111,091	38	19.00	7,252
102 Beeton.........	Simcoe.........	605	4	96,125	93	23.25	17,962
103 Coldwater.......	Simcoe.........	589	4	63,000	137	34.25	25,960
104 Thedford.......	Lambton.......	585	2	81,000	82	41.00	15,851
105 Grand Valley....	Dufferin........	582	3	116,423	80	26.66	15,464
106 Omemee........	Victoria........	579	2	224,525	88	44.00	16,888
107 Bolton..........	Peel...........	569	3	104,634	69	23.00	13,327
108 Drayton........	Wellington.....	566	2	213,791	70	35.00	13,623
109 Tottenham......	Simcoe.........	540	3	101,244	77	25.66	14,751

SCHOOLS

STATISTICS, 1936

	Tax Levy Receipts (Current and Capital)	Legislative Grants	Expenditures		Cost of Education per Pupil-Day (Cents)					Debenture Debt	
	$	$	Current $	Capital $	Current	Capital	Total	Tax Levy Share	Legislative Share	Total $	Per Classroom $
53	4,180	1,403	5,860	....	18.23	.....	18.23	13.00	4.36	....	.....
54	4,473	483	4,333	473	18.51	2.02	20.53	19.11	2.06	2,709	677
55	4,713	677	5,303	513	19.53	1.93	21.46	17.69	2.54	2,158	539
56	7,500	2,099	9,977	....	23.22	.....	23.22	17.46	4.88	....	.....
57	9,602	381	6,412	4,602	26.74	19.19	45.93	40.05	1.59	18,811	4,702
58	15,474	2,643	10,678	5,504	28.70	14.79	43.49	41.59	7.11	93,568	15,594
59	4,569	700	4,531	2,064	16.43	7.48	23.91	16.57	2.54	17,432	4,358
60	4,772	313	3,126	1,488	19.69	9.37	29.06	30.05	1.97	13,441	4,480
61	9,077	853	9,351	....	23.34	.....	23.34	22.66	2.13	....	.....
62	7,110	495	5,986	....	19.38	.....	19.38	23.02	1.60	....	.....
63	2,000	554	2,654	....	17.24	.....	17.24	12.99	3.60	....	.....
64	1,976	352	2,411	....	13.88	.....	13.88	11.37	2.02	....	.....
65	4,134	984	6,633	585	23.14	2.04	25.18	14.42	3.44	2,075	415
66	3,991	785	4,754	....	26.70	.....	26.70	22.41	4.41	....	.....
67	4,282	578	3,615	1,301	18.45	6.64	25.09	21.85	2.95	7,946	*2,648
68	4,546	541	4,562	1,046	17.07	5.05	22.12	21.95	2.61	6,225	1,556
69	2,545	438	3,474	....	19.81	.....	19.81	14.51	2.50	....	.....
70	3,320	362	4,425	400	18.99	1.72	20.71	14.24	1.56	26,900	6,725
71	4,313	386	4,576	....	21.82	.....	21.82	20.57	1.84	....	.....
72	4,465	1,002	4,585	1,146	21.06	5.26	26.32	20.50	4.60	12,896	3,224
73	3,479	320	3,132	802	18.12	4.64	22.76	20.12	1.85	5,703	1,901
74	4,060	395	4,003	....	16.38	.....	16.38	16.62	1.62	....	.....
75	2,572	948	5,003	....	20.33	.....	20.33	10.45	3.85	....	.....
76	2,920	387	3,328	....	17.92	.....	17.92	15.72	2.08	....	.....
77	3,152	1,228	6,136	....	27.15	.....	27.15	13.95	5.43	....	.....
78	1,341	487	1,992	....	19.34	.....	19.34	13.02	4.72	....	.....
	395,419	69,936	429,770	51,247	20.41	2.43	22.84	18.78	3.32	481,214	1,411
79	1,689	40	1,186	....	42.97	.....	42.97	61.21	1.47	....	.....
80	3,337	570	3,797	....	17.11	.....	17.11	15.04	2.57	....	.....
81	5,702	683	6,596	....	31.66	.....	31.66	27.27	3.28	....	.....
82	2,805	241	3,084	....	17.60	.....	17.60	16.01	1.37	....	.....
83	4,060	379	3,629	....	15.49	.....	15.49	17.32	1.62	....	.....
84	3,469	509	3,881	....	20.88	.....	20.88	18.66	2.74	....	.....
85	2,997	365	2,205	....	16.55	.....	16.55	22.50	2.74	....	.....
86	2,662	441	3,138	....	20.60	.....	20.60	17.47	2.89	....	.....
87	3,225	590	3,728	....	24.24	.....	24.24	20.97	3.84	....	.....
88	4,894	1,659	5,448	1,154	27.71	5.87	33.58	24.89	8.44	4,283	1,071
89	3,200	681	4,042	....	21.02	.....	21.02	16.64	3.54	....	.....
90	2,108	222	2,791	....	17.87	.....	17.87	13.50	1.42	....	.....
91	3,644	388	3,380	....	22.01	.....	22.01	23.73	2.53	....	.....
92	1,600	550	3,744	....	22.10	.....	22.10	9.45	3.25	....	.....
93	3,158	277	2,764	309	17.45	1.95	19.40	19.93	1.75	8,519	2,839
94	3,302	896	4,580	....	28.22	.....	28.22	20.34	5.52	....	.....
95	1,349	399	1,533	669	15.77	6.88	22.65	13.88	4.10	9,372	4,686
96	5,390	591	5,335	....	21.74	.....	21.74	21.97	2.41	....	.....
97	3,625	321	3,163	711	25.02	5.62	30.64	28.68	2.54	7,381	2,460
98	2,311	288	2,676	....	21.62	.....	21.62	18.68	2.33	....	.....
99	1,850	522	2,616	....	14.08	.....	14.08	9.96	2.81	....	.....
100	1,725	249	2,564	....	15.48	.....	15.48	10.41	1.50	....	.....
101	2,231	320	1,689	....	23.29	.....	23.29	30.76	4.41	....	.....
102	4,040	367	3,499	653	19.48	3.63	23.11	22.49	2.04	6,607	1,652
103	3,735	911	4,640	....	17.87	.....	17.87	14.39	3.51	....	.....
104	1,155	430	1,638	....	10.33	.....	10.33	7.28	2.71	....	.....
105	2,703	309	2,900	....	18.75	.....	18.75	17.48	2.00	....	.....
106	2,620	274	2,695	149	15.95	.88	16.83	15.51	1.62	299	149
107	3,384	414	3,306	....	24.80	.....	24.80	25.39	3.11	....	.....
108	2,272	215	2,834	....	20.80	.....	20.80	16.68	1.58	....	.....
109	2,848	362	3,146	....	21.33	.....	21.33	19.31	2.45	....	.....

THE PUBLIC

TABLE 18—FINANCIAL

Villages	County	Assessed Population	No. of Classrooms	Equalized Assessment per Classroom $	Ave. Daily Attendance	Ave. Daily Attendance per Classroom	Pupil-Days Attended
110 Wyoming	Lambton	516	2	82,500	61	30.50	11,947
111 Jarvis	Haldimand	504	3	60,000	94	31.33	18,132
112 Newburgh	Lennox	479	2	58,991	60	30.00	11,612
113 Erin	Wellington	476	2	209,095	67	33.45	12,987
114 Braeside	Renfrew	475	3	69,898	99	33.00	18,928
115 Oil Springs	Lambton	472	2	65,400	63	31.50	12,208
116 Tara	Bruce	471	2	101,984	49	24.50	9,419
117 Ailsa Craig	Middlesex	452	2	137,663	50	25.00	9,845
118 Neustadt	Grey	451	3	67,090	91	30.33	17,367
119 Embro	Oxford	449	2	139,950	53	26.50	9,736
120 Flesherton	Grey	446	2	119,389	61	30.50	11,651
121 Ripley	Bruce	442	2	152,173	37	18.50	7,159
122 Clifford	Wellington	441	2	183,957	56	28.00	10,883
123 Lion's Head	Bruce	421	2	58,872	75	37.50	14,549
124 Arkona	Lambton	415	2	74,750	70	35.00	13,539
125 Richmond	Carleton	408	2	124,029	68	34.00	13,960
126 Finch	Stormont	392	2	188,250	70	35.00	14,147
127 Newboro	Leeds	378	2	62,300	52	26.00	9,970
128 Springfield	Elgin	365	3	145,368	70	23.33	13,526
129 Woodville	Victoria	365	2	111,851	49	24.50	9,078
130 Hepworth	Bruce	360	2	44,497	59	29.50	11,445
131 Shallow Lake	Grey	337	2	63,549	64	32.00	12,492
132 Chatsworth	Grey	321	2	91,357	40	20.00	7,723
133 Bath	Lennox	318	2	55,500	39	19.50	7,508
134 Deloro	Hastings	316	2	36,787	55	27.50	10,271
135 Courtright	Lambton	286	2	115,428	55	27.50	10,572
136 Newbury	Middlesex	276	2	105,499	62	31.00	12,060
137 Tiverton	Bruce	258	1	160,865	33	33.00	6,376
138 Wardsville	Middlesex	249	2	108,881	39	19.50	7,680
139 Erieau	Kent	238	2	100,958	52	26.00	10,003
140 Vienna	Elgin	219	2	78,065	44	22.00	8,344
141 St. Clair Beach	Essex	100	1	325,856	35	35.00	6,715
Totals and Averages, Group D		32,201	159	113,656	4,420	27.80	852,484
Totals and Averages, Counties		135,331	599	132,879	18,723	31.26	3,582,258
GROUP E	Districts						
142 South River	Parry Sound	825	5	45,159	152	30.40	29,264
143 Burk's Falls	Parry Sound	798	4	93,725	159	39.75	30,423
144 Sundridge	Parry Sound	543	3	77,303	127	42.33	24,393
145 Port Carling	Muskoka	499	3	119,141	76	25.33	14,641
146 Rosseau	Parry Sound	315	2	65,000	39	19.50	7,477
147 Hilton Beach	Algoma	211	2	28,940	57	28.50	10,751
148 Windermere	Muskoka	146	1	81,426	19	19.00	3,618
149 Thornloe	Temiskaming	140	1	14,840	17	17.00	3,449
150 Port Sydney	Muskoka	107	1	61,145	26	26.00	4,991
Totals and Averages, Group E		3,584	22	69,787	672	30.54	129,007
Totals and Averages, All Villages		138,915	621	130,643	19,395	31.23	3,711,265
Totals and Averages, All Urban Municipalities		2,157,338	6,918	299,031	246,360	35.61	47,146,173
Totals and Averages, All Schools (Rural and Urban)		3,345,895	14,095	209,657	404,011	28.66	76,496,010

County Villages: Group A—Suburban Villages.
" B—Villages with population over 2,000.
" C— " " " from 750 to 2,000
" D— " " " under 750.
District Villages' Group E

SCHOOLS

STATISTICS, 1936

	Tax Levy Receipts (Current and Capital) $	Legislative Grants $	Expenditures		Cost of Education per Pupil-Day (Cents)					Debenture Debt	
			Current $	Capital $	Current	Capital	Total	Tax Levy Share	Legislative Share	Total $	Per Classroom $
110	2,000	364	2,153	....	18.03	.....	18.03	16.74	3.05	....	......
111	2,510	635	3,615	....	19.94	.....	19.94	13.84	3.50	15,200	5,066
112	1,600	448	2,161	....	18.61	.....	18.61	13.78	3.86	....	......
113	5,363	186	2,810	1,564	21.64	12.05	33.69	41.30	1.43	13,117	6,558
114	2,659	517	3,081	....	16.28	.....	16.28	14.05	2.73	....	......
115	1,160	419	2,612	....	21.39	.....	21.39	9.50	3.43	....	......
116	2,288	230	2,796	....	29.68	.....	29.68	24.29	2.44	....	......
117	1,750	197	2,005	....	20.36	.....	20.36	17.77	2.00	....	......
118	2,250	604	2,543	1,496	14.64	8.61	23.25	12.95	3.48	20,181	6,727
119	2,040	245	2,239	....	23.00	.....	23.00	20.95	2.51	....	......
120	2,531	299	2,386	....	20.48	.....	20.48	21.72	2.57	....	......
121	2,000	298	2,107	....	29.44	.....	29.44	27.93	4.16	....	......
122	1,488	191	1,752	422	16.10	3.88	19.98	13.67	1.76	4,000	2,000
123	1,746	388	1,941	....	13.34	.....	13.34	12.00	2.67	....	......
124	1,199	709	1,876	....	13.85	.....	13.85	8.85	5.24	....	......
125	3,311	161	1,870	1,786	13.39	12.79	26.18	23.72	1.15	21,396	10,698
126	2,114	211	2,088	....	14.76	.....	14.76	14.94	1.49	....	......
127	1,197	673	2,227	....	22.34	.....	22.34	12.01	6.76	....	......
128	3,876	197	2,333	1,799	17.24	13.20	30.54	28.65	1.46	19,791	6,597
129	2,846	156	3,257	....	35.87	.....	35.87	31.35	1.72	....	......
130	1,498	474	1,782	....	15.57	.....	15.57	13.09	4.14	....	......
131	761	369	2,058	....	16.47	.....	16.47	6.09	2.95	....	......
132	2,212	302	2,767	....	35.83	.....	35.83	28.64	3.91	....	......
133	1,300	411	2,034	....	27.09	.....	27.09	17.31	5.48	....	......
134	2,200	966	3,022	....	29.42	.....	29.42	21.42	9.40	....	......
135	1,645	314	2,020	....	19.11	.....	19.11	15.56	2.97	....	......
136	739	169	1,594	....	13.22	.....	13.22	6.13	1.40	....	......
137	899	121	1,209	....	18.96	.....	18.96	14.10	1.90	....	......
138	342	81	1,273	....	16.57	.....	16.57	4.45	1.05	....	......
139	3,158	589	2,880	758	28.79	7.58	36.37	31.57	5.89	5,000	2,500
140	1,390	254	1,829	....	21.92	.....	21.92	16.65	3.04	....	......
141	904	61	1,047	....	15.44	.....	15.44	15.02	.91	....	......
	153,693	25,472	170,922	9,906	20.05	1.16	21.21	18.03	2.99	122,806	772
	790,169	114,110	795,240	155,588	22.20	4.34	26.54	22.06	3.19	1,516,860	2,532
142	6,948	1,930	5,023	2,690	17.16	9.19	26.35	23.74	6.59	8,925	1,785
143	5,150	1,223	6,310	....	20.74	.....	20.74	16.93	4.02	....	......
144	2,700	1,843	4,375	....	17.93	.....	17.93	11.07	7.55	....	......
145	4,230	361	3,174	1,220	21.68	8.33	30.01	28.89	2.47	10,985	3,662
146	1,909	862	2,635	....	35.24	.....	35.24	25.53	11.53	....	......
147	584	640	1,858	334	17.29	3.11	20.40	5.44	5.96	4,016	2,008
148	1,145	500	1,508	....	41.68	.....	41.68	31.66	13.84	....	......
149	267	860	1,113	....	32.27	.....	32.27	7.74	24.93	....	......
150	649	302	1,452	....	29.09	.....	29.09	13.00	6.05	....	......
	23,582	8,521	27,448	4,244	19.77	3.29	23.06	18.28	6.60	23,926	1,087
	813,751	122,631	822,688	141,625	22.17	3.82	25.99	21.93	3.30	1,540,186	2,480
	16,541,631	720,668	14,470,762	2,861,021	30.69	6.54	37.23	35.09	1.53	34,955,087	5,053
	20,250,804	2,601,815	22,166,952	3,434,165	28.98	4.77	33.75	26.47	3.40	43,481,738	3,085

THE PUBLIC SCHOOLS

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Amherstburg	51
Arnprior	34
Aurora	55
Aylmer	69
Bala	136
Barrie	6
Blenheim	82
Blind River	113
Bothwell	100
Bowmanville	43
Bracebridge	114
Brampton	19
Brockville	3
Bruce Mines	134
Burlington	42
Cache Bay	127
Campbellford	53
Capreol	119
Carleton Place	33
Charlton	141
Chesley	80
Clinton	75
Cobalt	109
Cobourg	24
Cochrane	106
Collingwood	120
Coniston	115
Copper Cliff	105
Cornwall	1
Deseronto	92
Dresden	88
Dryden	120
Dundas	28
Dunnville	38
Durham	76
Eastview	10
Elmira	67
Englehart	125
Essex	78
Forest	84
Fort Erie	17
Fort Frances	103
Frood Mine	142
Gananoque	46
Georgetown	65
Goderich	31
Gore Bay	130
Gravenhurst	116
Grimsby	72
Haileybury	112
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Harriston	93
Harrow	97
Hawkesbury	16
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Hespeler	52
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Orangeville	59
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Penetanguishene	36
Perth	35
Petrolia	56
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Port Colborne	15
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Renfrew	22
Ridgetown	71
Riverside	26
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Southampton	94
Stayner	95
Sturgeon Falls	104
Strathroy	50
Tecumseh	61
Thessalon	121
Thornbury	99
Thorold	27
Tilbury	70
Tillsonburg	41
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Trout Creek	135
Uxbridge	87
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VILLAGES

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Beamsville	26
Beaverton	50
Beeton	102
Belle River	79
Bloomfield	91
Blyth	98
Bobcaygeon	48
Bolton	107
Bradford	47
Braeside	114
Brighton	15
Brussels	69
Burk's Falls	143
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Cannington	76
Cardinal	12
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Chatsworth	132
Chesterville	38
Chippawa	28
Clifford	122
Cobden	94
Colborne	52
Coldwater	103
Courtright	135
Creemore	97
Delhi	9
Deloro	134
Drayton	108
Dundalk	92
Dutton	71
Eganville	46
Elora	32
Embro	119
Erieau	139
Erin	113
Exeter	11
Fenelon Falls	40
Fergus	5
Finch	126
Flesherton	120
Fonthill	65
Forest Hill	1
Frankford	59
Glencoe	70
Grand Valley	105
Hagersville	18
Hastings	64
Havelock	27
Hensall	86
Hepworth	130
Hilton Beach	147
Humberstone	6
Iroquois	36
Jarvis	111
Kemptville	29
Killaloe	95
Lakefield	19
Lanark	99
Lancaster	101
Lion's Head	123
Long Branch	4
L'Orignal	45
Lucan	100
Lucknow	37
Madoc	23
Markdale	66
Markham	35
Marmora	53
Maxville	80
Merrickville	72
Mildmay	78
Millbrook	84
Milverton	49
Morrisburg	16
Neustadt	118
Newboro	127
Newburgh	112
Newbury	136
Newcastle	87
New Hamburg	13
Norwich	30
Norwood	77
Oil Springs	115
Omemee	106
Paisley	67
Point Edward	24
Port Carling	45
Port Credit	8
Port Dalhousie	14
Port Dover	10
Port Elgin	22
Port McNicol	56
Port Perry	33
Port Rowan	90
Port Stanley	81
Port Sydney	150
Portsmouth	63
Richmond	125
Richmond Hill	21
Ripley	121
Rockcliffe Park	3
Rodney	82
Rosseau	146
St. Clair Beach	141
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Shelburne	34
South River	142
Springfield	128
Stirling	55
Stoney Creek	61
Stouffville	31
Streetsville	96
Sundridge	144
Sutton	62
Swansea	2
Tara	116
Tavistock	43
Teeswater	60
Thamesville	68
Thedford	104
Thornloe	149
Tiverton	137
Tottenham	109
Tweed	20
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THE PUBLIC SCHOOLS

TABLE 19—PERCENTAGE ANALYSIS OF CURRENT EXPENDITURES IN CITIES, AND IN TOWNS OVER 6,000 POPULATION, FOR THE YEAR 1936

Cities	Assessed Population	Teachers' Salaries	Plant Operation	Plant Maintenance	Administration	Instructional Equipment	Auxiliary Agencies
Toronto	645,462	73.77	9.48	6.19	5.50	2.73	2.33
Hamilton	154,020	81.82	10.74	3.31	1.72	1.99	.42
Ottawa	141,903	75.13	10.84	5.75	2.16	3.16	2.96
Windsor	101,435	71.36	15.17	4.54	3.35	2.96	2.62
London	73,091	65.91	10.03	8.55	6.09	3.81	5.61
Kitchener	32,650	79.75	10.51	2.26	2.31	3.43	1.74
Brantford	31,232	75.11	12.35	7.62	1.54	3.38	....
St. Catharines	26,834	71.26	12.27	6.70	2.29	4.02	3.46
Oshawa	24,692	71.73	15.61	7.95	3.23	1.34	.14
Sudbury	24,440	74.56	15.54	3.60	2.36	1.66	2.28
Fort William	24,231	78.27	13.72	1.85	1.55	2.27	2.34
Sault Ste. Marie	23,627	71.90	16.40	3.81	3.44	2.81	1.64
Kingston	23,513	71.91	12.41	6.76	4.33	2.47	2.12
Peterborough	23,072	74.80	11.74	4.88	1.57	3.51	3.50
Guelph	21,455	75.25	13.49	5.24	3.02	2.94	.06
Port Arthur	20,045	73.37	15.77	4.39	2.49	3.07	.91
Niagara Falls	18,747	74.54	13.15	6.43	2.23	.89	2.76
Sarnia	18,230	74.03	14.36	3.97	2.64	2.76	2.24
Stratford	17,555	78.94	14.76	2.59	1.93	1.78	....
St. Thomas	16,088	75.76	12.94	4.70	2.21	4.24	.15
Chatham	15,910	78.48	9.16	7.33	1.28	2.17	1.58
North Bay	15,161	72.63	19.31	4.67	1.33	1.97	.09
Belleville	14,509	72.89	13.12	3.77	2.78	4.43	3.01
Galt	14,119	74.09	12.73	4.47	2.21	3.41	3.09
Owen Sound	13,100	72.34	12.54	3.10	1.80	3.99	6.23
Woodstock	11,040	72.06	16.00	5.19	1.40	5.13	.22
Welland	10,540	65.22	15.74	10.50	5.02	1.96	1.56
Average, Cities	....	75.68	11.05	5.71	3.56	2.82	1.18
Towns							
Cornwall	12,681	82.21	13.88	.46	2.05	1.00	.40
Pembroke	10,326	68.37	16.32	5.72	2.59	3.99	3.01
Brockville	9,903	70.60	21.74	1.92	.81	2.83	2.10
Orillia	8,808	68.63	15.58	9.09	1.82	4.88	....
Waterloo	8,266	72.53	12.00	8.47	1.19	2.86	2.95
Barrie	8,126	71.36	16.74	4.11	2.13	3.02	2.64
Smith's Falls	7,623	81.58	9.48	4.42	1.68	.97	1.87
Lindsay	7,116	75.61	17.66	4.01	1.24	1.23	.25
Mimico	6,876	75.62	13.40	3.45	2.23	1.17	4.13
Eastview	6,852	71.71	21.37	1.87	2.86	.15	2.04
New Toronto	6,848	66.60	16.61	4.58	2.99	3.20	6.02
Midland	6,690	72.85	14.94	3.74	4.32	2.03	2.12
Trenton	6,440	74.89	14.78	4.72	1.50	2.26	1.85
Preston	6,294	76.93	14.38	2.67	1.37	2.82	1.83
Port Colborne	6,196	79.90	9.53	3.29	4.67	2.61	....
Average, Towns	....	73.73	14.90	4.43	2.21	2.51	2.22

THE PUBLIC

TABLE 20—CONSOLIDATED

No.	Consolidated School	County or District	Sections Consolidated	Assessment
1	Barwick	Rainy River	4, 11, 12 Barwick	$102,290
2	Burriss	Rainy River	1, 2, Burriss	99,420
3	Byng Inlet	Parry Sound	2 Wallbridge, 1 Henvey	62,230
4	Charlton	Temiskaming	2, 4 Dack, Charlton Town	98,034
5	Dorion	Thunder Bay	1, 2, 3 Dorion	88,406
6	Falls View	Welland	7, 9 Stamford	4,822,847
7	Gooderham	Haliburton	2, 4, 5 Glamorgan	33,153
8	Grant	Carleton	3, 15 Nepean	516,485
9	Grantham	Lincoln	5, 6 Grantham	441,750
10	Hudson	Temiskaming	Hudson Township	157,310
11	Humber Heights	York	5 Etobicoke (3 schools)	554,707
12	Katrine	Parry Sound	1, 5 Armour	57,170
13	Macdonald	Wellington	6½, 7 Guelph	422,050
14	Mallorytown	Leeds	4, 5, 6 Front of Yonge, 19 Front of Escott	239,020
15	Mindemoya	Manitoulin Island	1, 4 Carnarvon	86,400
16	Morley	Rainy River	7 Morley, 9 Morley and Dilke, 1 Long Sault	175,013
17	Nipigon	Thunder Bay	1, 2, 3 Nipigon	483,372
18	Nobel	Parry Sound	1 Carling, 3 MacDougall	215,978
19	North Mountain	Dundas	9, 12, 13, 14 Mountain	322,675
20	Pointe au Baril	Parry Sound	1, 2 Harrison	274,000
21	Quibell	Kenora	1, 2 Wabigoon, 1 Redvers	77,336
22	Savard	Temiskaming	1, 2 Savard, 2 Robillard	76,790
23	Sundridge	Parry Sound	6, 4 Strong, Sundridge Village	231,918
24	Tamworth	Lennox and Addington	3, 6, 7 Sheffield, 28 Camden	334,011
25	Tweed	Hastings	3, 5 Hungerford, Tweed Village	742,477
26	Wellington	Prince Edward	10, 11, 14 Hillier, 9, 10 Hallowell, Wellington Village	1,568,615
27	West Guilford	Haliburton	2, 3 Guilford	41,511
28	Wilberforce	Haliburton	2, 6 Monmouth, 8 Cardiff	27,745
			Totals	$12,276,023

SCHOOLS

SCHOOLS, 1936-37

No.	No. of Teachers	Grade of Certificate		Enrolment	No. Conveyed	Average Attendance	% of Perfect Aggt.	No. in Fifth Class	No. in Continuation School
		I	II						
1	3	2	1	86	23	63	90.13	6	....
2	3	3	......	66	50	49	89.38	4	....
3	3	3	......	140	37	121	93.62	7	....
4	3	1	2	94	55	70	87.86	6	....
5	3	3	......	95	90	71	75.40	6	....
6	8	5	3	331	84	286	93.17	......	....
7	3	.....	3	85	50	69	88.79	7	....
8	3	1	2	150	15	102	90.41	......	....
9	8	7	1	257	54	235	89.47	20	....
10	2	......	2	83	....	62	86.04	1	....
11	7	6	1	308	68	....	90.81	......	....
12	1	1	......	30	16	25	87.87	......	....
13	4	......	4	135	....	112	95.00	......	....
14	4	3	1	143	78	127	94.12	......	67
15	4	3	1	111	39	91	92.62	......	....
16	3	1	2	120	80	92	87.21	13	....
17	5	5	......	173	21	133	93.83	......	25
18	2	1	1	67	44	52	88.73	10	....
19	7	4	3	178	113	141	91.47	......	56
20	1	1	......	45	40	26	77.67	2	....
21	2	2	......	59	34	43	85.09	1	....
22	2	1	1	105	105	75	83.09	5	....
23	5	3	2	195	35	171	89.54	......	43
24	3	2	1	181	57	103	93.35	......	61
25	6	1	5	209	....	172	91.18	......	....
26	9	4	5	318	162	283	94.70	......	76
27	2	1	1	85	....	72	88.29	......	....
28	2	1	1	42	17	39	92.45	......	12
	108	65	43	3,891	....	3,158	90.22	88	340

THE PUBLIC

TABLE 20—CONSOLIDATED

No.	Consolidated School	Cost of Operation				
		Teachers' Salaries	Transportation	Total Current	Capital Charges	Gross Cost
1	Barwick..........	$2,473.73	$780.00	$4,675.39	$1,598.32	$6,273.71
2	Burriss...........	2,500.00	2,234.85	5,739.87	1,452.98	7,192.85
3	Byng Inlet.......	3,200.00	873.00	6,633.82	348.74	6,982.56
4	Charlton.........	2,400.00	1,929.75	6,135.62	....	6,135.62
5	Dorion...........	2,550.00	2,070.00	6,200.67	983.71	7,184.38
6	Falls View........	9,754.32	1,550.00	19,450.42	....	19,350.42
7	Gooderham.......	1,420.00	1,580.15	3,337.76	....	3,337.76
8	Grant............	3,606.50	410.47	7,237.67	6,192.47	13,430.16
9	Grantham........	7,369.89	1,000.00	11,710.01	....	11,710.01
10	Hudson..........	1,500.00	1,839.75	4,284.91	....	4,284.91
11	Humber Heights..	7,378.00	526.24	12,026.35	....	12,026.35
12	Katrine..........	950.00	767.54	1,876.24	....	1,876.24
13	Macdonald.......	4,545.50	134.14	6,795.97	....	6,795.97
14	Mallorytown......	4,340.00	2,085.00	9,145.76	2,615.55	11,761.31
15	Mindemoya.......	3,722.90	1,031.40	6,009.29	1,555.00	7,564.29
16	Morley...........	2,300.00	2,782.20	5,977.86	1,220.52	7,198.38
17	Nipigon..........	4,857.00	1,824.57	10,795.88	1,887.86	12,683.74
18	Nobel............	2,450.00	2,700.00	6,481.20	805.86	7,287.06
19	North Mountain..	6,750.00	3,439.80	12,730.08	4,383.28	17,113.36
20	Pointe au Baril....	1,000.00	1,298.85	3,452.62	596.39	4,049.01
21	Quibell...........	1,500.00	2,202.00	4,416.99	697.52	5,114.51
22	Savard...........	1,862.40	3,826.27	10,312.18	1,002.62	11,314.80
23	Sundridge........	4,950.00	946.59	7,716.75	....	7,716.75
24	Tamworth........	2,500.00	1,229.40	4,712.40	....	4,712.40
25	Tweed...........	5,365.00	4,255.30	10,904.36	871.80	11,776.16
26	Wellington.......	8,950.00	3,420.00	16,553.03	8,256.62	24,809.65
27	West Guilford.....	1,300.00	1,225.00	2,939.44	....	2,939.44
28	Wilberforce.......	1,700.00	460.80	3,039.79	....	3,039.79
	Totals.......	103,195.26	48,423.07	211,192.33	34,469.26	245,661.59

SCHOOLS

SCHOOLS, 1936-37

	Legislative Grants					Cost per Pupil of Average Attendance		
No.	General	Transportation	Special on Salaries and Equipment	Fifth Class & Continuation School	Total	To Section	To Government	Total
1	$1,968.45	$468.00	$300.00	$320.00	$3,056.45	$50.31	$47.49	$98.10
2	2,038.56	1,340.91	300.00	316.28	3,995.75	65.24	81.54	146.78
3	3,215.29	523.80	300.00	231.82	4,270.91	22.41	35.30	57.71
4	1,444.36	1,157.85	333.75	273.14	3,209.10	41.36	45.35	86.71
5	1,968.36	1,242.00	300.00	201.48	3,711.84	48.50	51.85	100.35
6	1,589.42	465.00	800.00	....	2,854.42	57.59	9.96	67.55
7	1,280.00	948.09	230.00	130.64	2,588.73	10.79	37.32	48.11
8	756.49	117.09	300.00	....	1,173.50	119.23	11.41	130.64
9	2,562.30	300.00	800.00	153.94	3,816.24	33.49	16.17	49.04
10	526.22	1,103.75	200.00	....	1,829.97	39.07	29.12	68.19
11	2,740.02	366.30	700.00	....	3,806.32	31.43	14.56	45.99
12	367.84	459.08	100.00	....	926.92	37.97	37.08	75.03
13	1,210.14	40.24	400.00	....	1,650.38	45.58	14.62	60.20
14	424.87	781.88	404.80	915.45	2,527.00	72.71	19.90	92.61
15	915.59	618.84	400.00	1,653.54	3,587.97	43.70	39.42	83.12
16	902.12	1,640.52	300.00	....	2,842.64	46.92	30.62	77.54
17	834.19	1,113.04	540.00	1,272.96	3,760.19	66.79	28.15	94.94
18	797.81	1,620.00	200.00	278.28	2,896.09	83.08	54.80	137.88
19	812.42	1,446.90	700.00	922.15	3,881.45	93.57	27.45	121.02
20	299.96	779.31	100.00	....	1,179.27	110.29	45.32	155.61
21	1,129.75	1,321.20	200.00	....	2,650.95	60.37	56.10	116.47
22	1,241.29	2,295.76	200.00	246.00	3,983.05	97.73	53.09	150.82
23	934.00	567.94	300.00	1,702.28	3,504.22	23.55	20.36	44.91
24	823.53	1,089.17	300.00	906.02	3,118.72	15.47	30.28	45.75
25	1,243.04	1,642.61	600.00	....	3,485.65	48.20	20.26	68.46
26	1,144.37	1,025.00	900.00	923.54	3,992.91	73.55	14.11	87.66
27	785.30	735.00	200.00	131.00	1,851.30	25.64	15.07	40.71
28	1,065.42	347.52	200.00	290.38	1,903.32	28.77	48.19	76.96
	35,021.11	25,556.75	10,608.55	10,868.88	82,055.29	51.80	25.98	77.78

THE PUBLIC

TABLE 21—LOW ATTENDANCE

(A) Distribution

Counties	Average Attendance										
	1	2	3	4	5	6	7	8	9	10	Total
Addington	.....	1	.....	.....	3	2	3	4	1	1	15
Brant	.....	.....	.....	.....	.....	.....	1	.....	.....	1	2
Bruce	.....	.....	.....	1	3	5	6	6	8	7	36
Carleton	.....	2	.....	1	2	2	4	1	5	3	20
Dufferin	.....	.....	.....	.....	2	3	8	2	5	6	26
Dundas	.....	.....	.....	.....	1	1	1	.....	3	2	8
Durham	.....	.....	2	2	.....	.....	2	4	1	4	15
Elgin	.....	.....	.....	1	.....	1	3	4	4	2	15
Essex	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Frontenac	.....	1	3	3	2	4	6	7	7	7	40
Glengarry	.....	.....	.....	.....	.....	3	.....	5	4	1	13
Grenville	.....	.....	2	1	3	3	.....	8	2	2	21
Grey	.....	1	.....	.....	1	5	5	9	10	3	34
Haldimand	.....	.....	.....	.....	.....	.....	.....	4	1	2	7
Haliburton	.....	1	1	1	3	1	3	7	3	3	23
Halton	.....	.....	.....	.....	.....	.....	.....	.....	3	3	6
Hastings	.....	.....	.....	3	2	1	5	2	5	10	28
Huron	.....	.....	1	.....	3	3	6	3	9	8	33
Kent	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Lambton	.....	.....	.....	1	1	.....	5	4	6	9	26
Lanark	.....	2	2	3	6	6	6	6	6	7	44
Leeds	.....	.....	2	1	5	4	5	6	8	12	43
Lennox	.....	1	.....	1	1	2	1	3	4	3	16
Lincoln	.....	.....	.....	.....	.....	.....	.....	1	.....	2	3
Middlesex	.....	.....	1	1	2	5	4	6	4	7	30
Norfolk	.....	.....	.....	.....	.....	.....	.....	2	.....	1	3
Northumberland	.....	.....	.....	.....	.....	1	.....	1	2	8	12
Ontario	.....	.....	.....	.....	.....	5	1	2	2	4	14
Oxford	.....	.....	.....	.....	1	.....	.....	1	1	2	5
Peel	.....	.....	1	.....	.....	.....	2	1	2	1	7
Perth	.....	.....	.....	.....	.....	1	1	1	4	2	9
Peterborough	.....	.....	.....	2	3	2	3	2	2	4	18
Prescott	.....	.....	1	5	.....	1	2	2	3	3	17
Prince Edward	.....	.....	.....	.....	3	2	2	5	4	2	18
Renfrew	.....	.....	.....	1	1	4	.....	3	11	4	24
Russell	.....	.....	.....	1	.....	.....	.....	.....	.....	1	2
Simcoe	.....	.....	.....	.....	1	2	4	3	6	5	21
Stormont	.....	.....	.....	.....	1	1	1	3	1	4	11
Victoria	.....	.....	2	1	3	5	7	4	6	4	32
Waterloo	.....	.....	.....	.....	.....	.....	.....	1	.....	1	2
Welland	.....	.....	.....	.....	.....	1	1	.....	.....	.....	2
Wellington	.....	1	.....	.....	.....	2	3	1	3	3	13
Wentworth	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2
York	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Totals	.....	10	18	30	53	78	101	125	149	154	718
Districts											
Algoma	.....	.....	.....	.....	.....	2	3	1	3	.....	9
Cochrane	.....	.....	.....	.....	.....	1	.....	.....	1	3	5
Kenora	.....	.....	.....	.....	.....	1	.....	.....	.....	2	3
Manitoulin	.....	.....	.....	.....	1	1	2	4	2	2	12
Muskoka	.....	.....	.....	2	1	3	.....	11	4	1	22
Nipissing	.....	.....	1	2	1	1	1	1	3	2	12
Parry Sound	.....	.....	1	1	6	4	5	6	5	4	32
Rainy River	.....	.....	.....	.....	.....	1	2	1	7	5	16
Sudbury	.....	.....	1	.....	.....	2	1	4	4	3	15
Temiskaming	.....	.....	1	.....	.....	1	1	1	1	3	8
Thunder Bay	.....	.....	.....	.....	1	1	2	2	5	2	13
Totals	.....	.....	4	5	10	18	17	31	35	27	147
Grand Totals	.....	10	22	35	63	96	118	156	184	181	865

SCHOOLS

SCHOOLS, CALENDAR YEAR, 1936

(B) Costs

(I) Schools with an Average Attendance of 1 to 5

	Number of Schools	Pupil-Days Attended	Average Daily Attendance per School	Current Disbursements for the Year				Legislative Share	Cost per Pupil-day (in cents)			Average Cost per Pupil-day for all Rural Schools in the Province
				General Maintenance	Capital Outlays	Capital Charges	Total		To Local. (Net)	To Gov't.	Total	
Counties....	111	88,769	4.18	$72,771.60	$484.46	$69.75	$73,325.81	$21,861.92	57.98	24.63	82.61	....
Districts....	19	15,265	4.37	12,346.65	90.00	....	12,436.65	6,503.99	38.86	42.61	81.47	....
Province....	130	104,034	4.20	85,118.25	574.46	69.75	85,762.46	28,365.91	55.17	27.27	82.44	....
(II) Schools with an Average Attendance of 6 to 10												
Counties....	607	969,227	8.34	$449,404.25	$13,619.34	$3,066.41	$466,090.00	$100,130.83	37.76	10.33	48.09	....
Districts....	128	201,199	8.31	105,465.64	2,044.88	1,732.04	109,242.56	59,192.26	24.88	29.42	54.30	....
Province....	735	1,170,426	8.34	554,869.89	15,664.22	4,798.45	575,332.56	159,323.09	35.54	13.61	49.15	....
(III) Schools with an Average Attendance of 1 to 10												
Counties....	718	1,057,996	7.70	$522,175.85	$14,103.80	$3,136.16	$539,415.81	$121,992.75	39.45	11.53	50.98	24.17
Districts....	147	216,464	7.80	117,812.29	2,134.88	1,732.04	121,679.21	65,696.25	25.86	30.35	56.21	32.08
Province....	865	1,274,460	7.72	639,988.14	16,238.68	4,868.20	661,095.02	187,689.00	37.15	14.73	51.87	26.17

THE PUBLIC SCHOOLS

Table 22—PROTESTANT SEPARATE SCHOOLS, 1936

	S.S. 1 Grattan (Renfrew)	S.S. 2 Hagarty (Renfrew)	L'Orignal Village (Prescott)	Penetanguishene Town (Simcoe)	Totals
Number of Schools	1	1	1	2	5
	$ c.	$ c.	$ c.	$ c.	$ c.
Receipts:					
Balances from 1935	155 81	7 14	467 57	261 26	891 78
Legislative Grants	129 01	266 86	157 40	619 38	1,172 65
Section Levy	618 25	......	400 00	7,430 00	8,448 25
Township Grant	......	410 00	......	......	410 00
Other Sources	97	......	7 41	2 65	11 03
Totals	904 04	684 00	1,032 38	8,313 29	10,933 71
Expenditures:					
Teachers' Salaries	500 00	500 00	600 00	5,817 00	7,417 00
Other Disbursements	320 40	371 00	86 10	2,369 69	3,147 19
Totals	820 40	871 00	686 10	8,186 69	10,564 19
Balance on hand Dec. 31, 1936	431 24	12 39	346 28	126 60	916 51
Cost of Education per Pupil-Day (in cents)	36.02	22.49	53.31	25.33	26.63 (av.)
Teachers:					
Male	......	......	......	1	1
Female	1	1	1	5	8
Certificates	I	I	I	3(I), 3(II)	6(I), 3(II)
Salaries (Regular)	$500 00	$500 00	$600 00	$5,760 00	$7,360 00
Pupils:					
Total Enrolment	33	17	9	199	258
Boys	17	6	5	112	140
Girls	16	11	4	87	118
Average Attendance	24	13	8	157	202

THE ROMAN CATHOLIC SEPARATE SCHOOLS

TABLE 23—AGE-GRADE DISTRIBUTION, MAY, 1937

(A) ALL SCHOOLS

		Under 5 yrs.	5 years	6 years	7 years	8 years	9 years	10 years	11 years	12 years	13 years	14 years	15 years	16 yrs	17 yrs	18 yrs	19 yrs and over	Totals	Totals by Grade	Per cent of Total Enrolment	Average Age		Average Increment of Age Between Grades		
																					By Sex	Average		By Sex	Average
GRADE I.	Boys	2	145	2722	4056	2372	1086	497	193	102	59	21	4	1	...	...	....	11260	21177	20.97	7.93	7.81			
	Girls	1	236	2765	3808	1955	675	263	121	50	20	15	6	1	1	...	....	9917			7.68				
GRADE II.	Boys	....	....	45	1142	2358	1731	932	415	222	109	42	12	....	...	...	....	7008	13680	13.54	9.27	9.13	Form I, Jr. to Form I, Sr.	1.34	1.32
	Girls	....	....	51	1371	2525	1551	667	299	118	57	20	9	3	1	...	....	6672			8.98			1.30	
GRADE III.	Boys	....	....	1	49	644	1300	989	561	319	173	66	18	6	...	...	....	4126	7850	7.77	10.35	10.29	Form I, Sr. to Form II, Jr.	1.08	1.16
	Girls	....	....	....	6	653	1216	924	554	237	87	29	11	4	3	...	....	3724			10.22			1.24	
GRADE IV.	Boys	....	....	....	6	389	1151	1306	1013	600	325	155	53	10	1	...	....	5009	9593	9.50	10.95	10.78	Form II, Jr. to Form II, Sr.	.60	.49
	Girls	....	....	....	12	511	1257	1227	776	525	186	69	17	3	1	...	....	4584			10.60			.38	
GRADE V.	Boys	....	....	....	....	47	648	1621	1585	1278	817	422	161	42	1	...	....	6622	13128	13.00	11.82	11.62	Form II, Sr. to Form III, Jr.	.87	.84
	Girls	....	....	....	2	40	859	1827	1642	1051	681	325	69	10	...	...	....	6506			11.42			.82	
GRADE VI.	Boys	....	....	....	....	4	54	653	1423	1542	1140	840	533	174	57	11	1	6432	12258	12.14	12.90	12.67	Form III, Jr. to Form III, Sr.	1.08	1.05
	Girls	....	....	....	....	1	53	765	1690	1546	1040	509	184	31	6	1	....	5826			12.42			1.00	
GRADE VII	Boys	....	....	....	....	....	1	45	536	1385	1504	964	637	171	32	4	....	5279	10467	10.36	13.56	13.45	Form III, Sr. to Form IV, Jr.	.66	.78
	Girls	....	....	....	....	....	1	58	667	1466	1357	902	562	159	16	...	....	5188			13.34			.92	
GRADE VIII	Boys	....	....	....	....	....	....	1	65	471	1086	1165	769	308	78	9	....	3952	8367	8.28	14.35	14.27	Form IV, Jr. to Form IV, Sr.	.79	.82
	Girls	....	....	....	....	....	....	2	66	647	1288	1339	768	248	52	5	....	4415			14.19			.85	
GRADE IX.	Boys	....	....	....	....	....	....	....	....	33	192	294	265	140	44	5	3	976	2242	2.22	14.97	14.93	Form IV, Sr. to Form V, Jr.	.62	.66
	Girls	....	....	....	....	....	....	....	3	39	240	428	359	130	59	8	....	1266			14.90			.71	
GRADE X.	Boys	....	....	....	....	....	....	....	....	4	37	150	242	145	70	20	7	675	1650	1.63	15.71	15.77	Form V, Jr. to Form V, Sr.	.74	.84
	Girls	....	....	....	....	....	....	....	....	3	48	216	315	238	109	29	17	975			15.80			.90	
Jr. Auxiliary Classes	Boys	....	....	....	....	6	12	23	43	71	71	75	83	44	3	1	....	432	598	.59	13.70	13.56	....	....	....
	Girls	....	....	....	....	....	10	15	27	26	25	28	18	17	...	...	....	166			13.26		....	....	....
TOTALS BY SEXES	Boys	2	145	2768	5253	5820	5983	6067	5834	6027	5513	4194	2777	1041	286	50	11	51771	......	......	......	......	Average	.86	.88
	Girls	1	236	2816	5199	5685	5622	5748	5845	5708	5029	3880	2318	844	248	43	17	49239	......	......	......	......		.90	
Grand Totals	....	3	381	5584	10452	11505	11605	11815	11679	11735	10542	8074	5095	1885	534	93	28	101010							

Heavy lines denote ideal age spread for each grade.

(B) URBAN SCHOOLS

		Under 5 years	5 years	6 years	7 years	8 years	9 years	10 years	11 years	12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years and over	Totals	Totals by Grades
GRADE I	Boys	......	89	2119	3021	1539	657	288	112	53	34	10	2	1	.....	.....	.....	7925	15024
	Girls	......	125	2190	2881	1259	381	152	72	22	9	2	4	1	1	.....	.....	7099	
GRADE II	Boys	......	....	35	1010	1937	1323	647	278	138	68	30	9	.....	.....	.....	.....	5475	10770
	Girls	......	.....	36	1195	2047	1220	465	197	77	41	13	2	1	1	.....	.....	5295	
GRADE III	Boys	......	.....	1	45	547	1088	747	407	217	113	49	15	5	.....	.....	.....	3234	6164
	Girls	......	.....	.....	.....	535	975	710	431	186	63	14	10	3	3	.....	.....	2930	
GRADE IV	Boys	......	.....	.....	6	348	931	1033	758	424	236	115	43	8	1	.....	.....	3903	7502
	Girls	......	.....	.....	10	435	1030	967	567	387	140	51	11	1	.....	.....	.....	3599	
GRADE V	Boys	......	.....	.....	.....	34	533	1341	1220	944	599	324	130	36	1	.....	.....	5162	10297
	Girls	......	.....	.....	1	30	738	1464	1226	784	548	275	61	8	.....	.....	.....	5135	
GRADE VI	Boys	......	.....	.....	.....	.....	32	532	1178	1246	895	544	288	48	4	.....	.....	4767	9348
	Girls	......	.....	.....	.....	.....	37	598	1342	1201	810	414	144	28	6	1	.....	4581	
GRADE VII	Boys	......	.....	.....	.....	.....	.....	34	453	1166	1250	799	541	155	27	4	.....	4429	8669
	Girls	......	.....	.....	.....	.....	.....	32	531	1210	1074	734	499	145	15	.....	.....	4240	
GRADE VIII	Boys	......	.....	.....	.....	.....	.....	1	45	373	827	925	598	252	60	5	.....	3086	6566
	Girls	......	.....	.....	.....	.....	.....	2	48	488	983	1080	622	210	42	5	.....	3480	
GRADE IX	Boys	......	.....	.....	.....	.....	.....	.....	.....	29	148	256	220	109	37	3	3	805	1774
	Girls	......	.....	.....	.....	.....	.....	.....	1	29	181	341	277	94	41	5	.....	969	
GRADE X	Boys	......	.....	.....	.....	.....	.....	.....	.....	4	26	122	196	112	48	9	5	522	1227
	Girls	......	.....	.....	.....	.....	.....	.....	.....	2	26	169	223	188	75	15	7	705	
JR. AUXILIARY CLASSES	Boys	......	.....	.....	.....	6	12	23	43	70	71	75	82	44	3	1	.....	430	594
	Girls	......	.....	.....	.....	.....	10	15	27	26	25	28	17	16	.....	.....	.....	164	
TOTALS BY SEXES	Boys	......	89	2155	4082	4411	4576	4646	4494	4664	4267	3249	2124	770	181	22	8	39738	....
	Girls	......	125	2226	4087	4306	4391	4405	4442	4412	3900	3121	1870	695	184	26	7	38197	....
GRAND TOTALS	.....	......	214	4381	8169	8717	8967	9051	8936	9076	8167	6370	3994	1465	365	48	15	77935	....

(C) RURAL SCHOOLS

		Under 5 years	5 years	6 years	7 years	8 years	9 years	10 years	11 years	12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years and over	Totals	Totals by Grades
GRADE I	Boys	2	56	603	1035	833	429	209	81	49	25	11	2	....	....	....	....	3335	6143
	Girls	1	111	575	927	696	294	111	49	28	11	3	2	....	....	....	....	2808	
GRADE II	Boys	....	....	10	132	421	408	285	137	84	41	12	3	....	....	....	....	1533	2910
	Girls	....	....	15	176	478	331	202	102	41	16	7	7	2	....	....	....	1377	
GRADE III	Boys	....	....	....	4	97	212	242	154	102	60	17	3	1	....	....	....	892	1686
	Girls	....	....	....	6	118	241	214	123	51	24	15	1	1	....	....	....	794	
GRADE IV	Boys	....	....	....	...	41	220	273	255	176	99	40	10	2	....	....	....	1116	2101
	Girls	....	....	....	2	76	227	260	209	138	46	18	6	2	1	....	....	985	
GRADE V	Boys	....	....	....	....	13	115	280	365	334	218	98	31	6	....	....	....	1460	2831
	Girls	....	....	....	1	10	121	363	416	267	133	50	8	2	....	....	....	1371	
GRADE VI	Boys	....	....	....	....	4	22	121	245	296	245	296	245	126	53	11	1	1665	2910
	Girls	....	....	....	....	1	16	167	348	345	230	95	40	3	....	....	....	1245	
GRADE VII	Boys	....	....	....	....	....	1	11	83	219	254	165	96	16	5	....	....	850	1798
	Girls	....	....	....	....	....	1	26	136	256	283	168	63	14	1	....	....	948	
GRADE VIII	Boys	....	....	....	....	....	....	....	20	98	259	240	171	56	18	4	....	866	1801
	Girls	....	....	....	....	....	....	....	18	159	305	259	146	38	10	....	....	935	
GRADE IX	Boys	....	....	....	....	....	....	....	....	4	44	38	45	31	7	2	....	171	468
	Girls	....	....	....	....	....	....	.	2	10	59	87	82	36	18	3	....	297	
GRADE X	Boys	....	....	....	....	....	....	....	....	....	11	28	46	33	22	11	2	153	423
	Girls	....	....	....	....	....	....	....	....	1	22	47	92	50	34	14	10	270	
Jr. Auxiliary Classes	Boys	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	2	4
	Girls	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	2	
TOTALS BY SEXES	Boys	2	56	613	1171	1409	1407	1421	1340	1363	1256	945	653	271	105	28	3	12043	....
	Girls	1	111	590	1112	1379	1231	1343	1403	1296	1129	749	448	149	64	17	10	11032	....
GRAND TOTALS	....	3	167	1203	2283	2788	2638	2764	2743	2659	2385	1694	1101	420	169	45	13	23075	....

THE ROMAN CATHOLIC

TABLE 24—FINANCIAL

Rural Schools	Equalized Assessment per Class-room $	No. of Class-rooms	Average Daily Attendance	Average Daily Attendance per Class-room	Pupil-Days Attended	School Section Levy $	County Grant $	Legislative Grant $
Counties								
1 Norfolk	166,968	2	102	51.00	15,278	2,447	172	446
2 Bruce	160,656	15	434	28.93	82,104	10,952	498	3,632
3 Middlesex	151,205	5	53	10.60	10,701	2,768	53	482
4 Kent	140,928	14	376	26.85	71,225	16,466	1,104	2,702
5 Lambton	135,357	2	36	18.00	6,938	1,308	5	346
6 Huron	131,202	10	171	17.10	35,001	4,786	831	2,376
7 Peel	130,107	1	9	9.00	1,615	645	38	156
8 Peterborough	124,399	5	63	12.60	11,846	1,985	105	732
9 Wellington	124,274	7	118	16.85	22,515	3,206	234	1,285
10 Victoria	124,079	3	53	17.67	9,971	1,958	156	617
11 Addington	114,675	1	41	41.00	7,771	1,200	132	596
12 Essex	110,357	53	1,436	27.09	270,312	36,075	4,282	10,757
13 Perth	109,184	16	329	20.56	62,331	8,926	957	4,529
14 Waterloo	108,778	13	400	30.77	73,976	7,961	602	2,688
15 Ontario	94,403	2	59	29.50	11,512	509	125	436
16 Simcoe	88,646	9	267	29.66	50,632	7,021	197	2,152
17 Frontenac	76,469	10	144	14.40	27,233	5,527	182	2,026
18 Grey	75,662	8	94	11.75	17,108	3,779	236	1,164
19 Lanark	64,295	3	43	14.33	8,210	1,564	113	797
20 Prescott	63,202	84	1,996	23.76	377,245	40,377	2,494	12,985
21 Hastings	60,414	7	152	21.71	28,782	3,621	151	1,638
22 Northumberland	58,262	5	58	11.60	9,320	2,547	56	910
23 Carleton	54,955	44	1,256	28.54	243,055	27,169	379	10,885
24 Stormont	54,434	17	200	28.57	37,993	2,816	244	1,915
25 Renfrew	49,544	28	602	21.50	114,064	10,900	1,333	12,265
26 Russell	45,231	75	2,088	27.84	396,576	31,738	1,823	14,053
27 York	44,696	52	1,756	33.77	333,136	14,094	1,198	32,832
28 Dundas	40,051	2	36	18.00	7,785	712	....	281
29 Leeds	24,023	2	17	8.50	2,910	537	....	501
30 Lennox	22,896	1	11	11.00	2,177	226	46	371
31 Glengarry	43,904	28	598	21.36	110,447	15,021	800	7,631
32 Wentworth	17,718	4	56	14.00	10,878	168	172	1,186
Totals and Averages	73,192	528	13,054	24.72	2,470,647	269,009	18,718	135,372
Districts								
1 Thunder Bay	44,645	1	22	22.00	4,188	637	....	337
2 Cochrane	30,048	88	2,539	28.86	500,614	67,870	....	63,643
3 Temiskaming	28,086	46	1,130	24.56	232,713	45,248	....	29,669
4 Rainy River	27,687	3	69	23.00	12,976	1,405	....	1,935
5 Nipissing	19,382	47	1,318	28.04	250,142	17,309	....	26,600
6 Kenora	18,100	1	28	28.00	5,450	270	....	1,135
7 Sudbury	17,378	65	1,748	26.90	329,881	24,829	....	46,653
8 Parry Sound	17,150	1	17	17.00	3,377	295	....	359
9 Muskoka	15,200	2	56	28.00	10,715	126	....	1,565
10 Algoma	7,530	3	90	30.00	17,467	556	....	2,893
Totals and Averages	24,096	257	7,017	27.30	1,367,523	158,545	....	174,789
Totals and Averages All Rural	57,119	785	19,763	25.18	3,781,153	427,554	18,718	310,161

SEPARATE SCHOOLS

STATISTICS, 1936

	Expenditures		Cost of Education per Pupil-Day (in cents)						Debenture Indebtedness		Other Forms of Debt	
	Current $	Capital $	Current	Capital	Total	School Section Share	County Share	Legislative Share	Total $	Per Classroom $	Total $	Per Classroom $
1	2,752	....	18.01	......	18.01	16.02	1.13	2.92	....	......	100	50
2	15,366	735	18.72	.90	19.62	13.34	.61	4.42	2,207	147	1,012	67
3	3,226	....	30.14	......	30.14	25.87	.50	4.50	....	......	....	......
4	15,546	3,249	18.22	4.56	22.78	23.12	1.55	3.79	924	66	23	2
5	1,433	....	20.65	......	20.65	18.85	.07	4.99	....	......	....	......
6	10,842	....	30.98	......	30.98	13.67	2.37	6.79	....	......	1,406	141
7	905	....	49.89	......	49.89	39.98	2.40	9.69	....	......	....	......
8	4,200	....	35.46	......	35.46	16.76	.89	6.18	....	......	....	......
9	5,297	....	23.53	......	23.53	14.24	1.04	5.71	....	......	....	......
10	2,669	....	26.77	......	26.77	19.64	1.56	6.19	....	......	....	......
11	1,598	....	20.56	......	20.56	15.44	1.70	7.67	....	......	....	......
12	52,056	4,728	19.26	1.75	21.01	13.35	1.58	3.98	57,430	1,084	900	17
13	18,793	1,690	30.15	2.71	32.86	14.32	1.54	7.27	14,746	922	7,340	459
14	12,915	....	17.46	......	17.46	10.76	.81	3.63	....	......	....	......
15	1,650	....	14.33	......	14.33	4.42	1.09	3.79	....	......	....	......
16	8,954	878	17.68	1.73	19.41	13.87	.39	4.25	....	......	....	......
17	7,740	....	28.42	......	28.42	20.30	.67	7.44	....	......	125	13
18	5,491	....	32.10	......	32.10	22.09	1.38	6.80	....	......	....	......
19	2,135	....	26.00	......	26.00	19.05	1.38	9.71	....	......	22	7
20	54,065	1,562	14.33	.41	14.74	10.70	.66	3.44	11,585	138	4,867	58
21	5,671	....	19.70	......	19.70	12.58	.52	5.69	....	......	....	......
22	3,882	....	41.65	......	41.65	27.33	.60	9.76	....	......	145	29
23	37,461	608	15.41	.25	15.66	11.18	.16	4.48	....	......	....	......
24	7,701	....	33.79	......	33.79	13.33	1.04	9.83	....	......	324	19
25	25,624	2,378	22.46	2.09	24.55	9.56	1.17	10.75	12,530	448	9,157	327
26	52,964	631	13.36	.16	13.52	8.00	.46	3.54	3,888	518	2,351	31
27	82,429	37,674	24.74	11.31	36.05	4.23	.36	9.86	365,000	7,019	13,800	265
28	1,373	....	17.64	......	17.64	9.15	......	3.61	....	......	....	......
29	1,029	....	35.36	......	35.36	18.45	......	17.22	....	......	....	......
30	705	....	32.38	......	32.38	10.38	2.11	17.04	....	......	....	......
31	27,518	1,738	24.92	1.57	26.49	13.60	.72	6.91	3,700	132	200	7
32	1,716	....	15.77	......	15.77	1.54	1.58	10.90	....	......	265	66
	475,706	55,871	19.25	2.26	21.51	10.89	.76	5.48	472,010	894	42,037	80
1	1,078	....	25.74	......	25.74	15.21	......	8.05	....	......	....	......
2	109,718	17,731	21.92	3.54	25.46	13.56	......	12.71	152,349	1,731	24,935	283
3	62,485	8,907	26.85	3.83	30.68	19.44	......	12.75	117,692	2,559	11,728	255
4	2,789	290	21.50	2.23	23.73	10.83	......	14.91	7,287	2,429	136	45
5	44,676	2,846	17.86	2.62	20.48	6.92	......	10.63	17,514	373	14,393	306
6	1,169	209	21.45	3.83	25.28	4.95	......	20.83	2,508	2,508	....	......
7	66,692	10,147	20.21	3.08	23.29	7.53	......	14.14	99,139	1,525	17,510	269
8	658	....	19.48	......	19.48	8.74	......	10.63	....	......	....	......
9	1,541	....	14.38	......	14.38	1.18	......	14.61	....	......	....	......
10	3,409	....	19.52	......	19.52	3.18	......	16.56	....	......	25	8
	294,215	40,130	21.51	2.93	24.44	11.59	......	12.78	396,489	1,543	68,727	267
	769,921	96,001	20.36	2.54	22.90	11.31	.50	8.20	868,499	1,106	110,764	141

THE ROMAN CATHOLIC

TABLE 24—FINANCIAL

Cities	Counties	Equaliz'd Assessment per Class-room $	No. of Class-rooms	Average Daily Attend-ance	Average Daily Attend-ance per Class-room	Pupil-Days Attended	Trustee Levy (including Debenture) $	Legislative Grant $
1 Toronto	York	176,929	304	11,274	37.09	2,153,301	593,428	21,117
2 St. Thomas	Elgin	166,632	6	220	36.67	43,254	6,600	574
3 Niagara Falls	Welland	154,121	11	455	41.36	86,474	14,400	963
4 Chatham	Kent	129,450	14	330	23.57	106,667	13,404	702
5 London	Middlesex	128,003	49	1,557	31.77	259,467	54,020	2,668
6 Kingston	Frontenac	112,847	24	805	33.54	152,043	25,424	1,576
7 Owen Sound	Grey	109,949	4	159	39.75	30,124	4,656	249
8 Hamilton	Wentworth	107,055	129	4,372	33.89	839,487	145,500	5,760
9 Kitchener	Waterloo	102,350	49	1,611	32.87	302,483	60,376	3,552
10 Stratford	Perth	100,754	13	445	34.23	83,430	15,870	734
11 Guelph	Wellington	95,771	21	814	38.76	155,057	21,123	2,104
12 Sarnia	Lambton	93,415	15	464	30.93	87,304	16,205	738
13 Windsor	Essex	90,974	184	6,241	33.90	1,173,410	158,133	6,539
14 Brantford	Brant	90,175	18	686	38.11	129,800	24,003	1,220
15 Woodstock	Oxford	85,767	4	142	35.50	26,653	2,753	244
16 Galt	Waterloo	85,070	5	220	44.00	41,647	5,125	447
17 Peterborough	Peterborough	84,292	31	920	29.68	174,966	26,348	2,163
18 Belleville	Hastings	83,533	13	407	31.31	76,548	12,026	630
19 Oshawa	Ontario	82,487	10	412	41.20	78,537	10,335	808
20 Ottawa	Carleton	81,413	327	10,805	33.04	2,063,755	406,684	23,913
Totals and Averages		114,978	1,231	42,339	34.39	8,064,407	1,616,413	76,701
	(Districts)							
1 Fort William	Thunder Bay	158,993	27	1,090	40.37	186,833	39,733	2,440
2 Port Arthur	Thunder Bay	106,518	18	642	35.67	120,531	21,040	1,303
3 Sudbury	Sudbury	70,107	56	1,925	34.37	364,176	76,697	7,992
4 North Bay	Nipissing	63,478	35	1,362	38.91	254,703	42,109	3,815
5 Sault Ste. Marie	Algoma	35,380	39	1,067	27.36	205,169	38,183	6,286
Totals and Averages		78,501	175	6,086	34.78	1,131,412	217,762	21,836
Totals and Averages, All Cities		110,438	1,406	48,425	34.44	9,195,819	1,834,175	98,537
Towns	*Counties*							
1 Collingwood	Simcoe	168,307	1	31	31.00	5,613	500	90
2 Barrie	Simcoe	133,139	4	103	25.75	20,779	3,485	146
3 Mount Forest	Wellington	120,014	2	42	21.00	7,976	1,277	111
4 Lindsay	Victoria	117,201	7	172	24.57	30,150	5,924	679
5 Hespeler	Waterloo	115,898	1	29	29.00	5,869	1,267	58
6 Waterloo	Waterloo	109,871	11	392	35.63	77,324	12,129	708
7 Orillia	Simcoe	107,379	5	153	30.60	28,996	2,483	382
8 Dundas	Wentworth	101,522	3	101	33.67	19,508	3,351	133
9 Prescott	Grenville	101,187	4	84	21.00	15,888	3,910	281
10 Picton	Pr. Edward	98,928	2	42	21.00	8,065	1,052	69
11 Oakville	Halton	98,391	2	47	23.50	9,265	1,973	116
12 Seaforth	Huron	97,115	2	51	25.50	10,011	1,487	420
13 Leamington	Essex	91,193	3	89	29.66	16,824	1,670	221
14 Whitby	Ontario	90,577	2	47	23.50	8,980	1,740	106
15 Parkhill	Middlesex	88,000	1	26	26.00	7,090	606	99
16 Merritton	Lincoln	87,697	2	68	34.00	12,959	2,808	217
17 Preston	Waterloo	86,945	9	313	34.78	60,094	9,031	897
18 Ingersoll	Oxford	84,046	3	74	24.67	13,930	2,928	289
19 Smith's Falls	Lanark	81,303	6	157	26.16	29,546	4,155	403
20 St. Mary's	Perth	79,500	2	49	24.50	9,428	1,856	148
21 Brockville	Leeds	78,551	8	224	28.00	41,054	7,060	832
22 Renfrew	Renfrew	78,410	15	557	37.13	104,233	18,939	1,105
23 Trenton	Hastings	76,475	6	188	31.33	36,071	5,555	670
24 Campbellford	North'd	76,162	2	65	32.50	12,488	1,389	187
25 Cobourg	North'd	74,235	5	173	34.60	32,856	4,160	330
26 Paris	Brant	73,500	2	47	23.50	8,964	1,034	169

SEPARATE SCHOOLS

STATISTICS, 1936

	Expenditures		Cost of Education per Pupil-Day (in cents)					Debenture Debt		Other Forms of Debt	
	Current $	Capital $	Current	Capital	Total	Trustee Levy Share	Legislative Share	Total $	Per Classroom $	Total $	Per Classroom $
1	456,383	163,868	21.19	7.61	28.80	27.56	.98	1,807,000	5,944	....	......
2	7,068	....	16.34	......	16.34	15.26	1.33	....	......	2,200	367
3	16,172	....	18.70	......	18.70	16.65	1.11	....	......	8,000	727
4	11,772	1,698	11.04	1.59	12.63	12.57	.66	26,000	1,857	....	......
5	48,345	11,092	18.63	4.27	22.90	20.81	1.03	139,363	2,844	7,948	162
6	27,315	....	17.97	......	17.97	16.72	1.04	....	......	842	35
7	3,751	750	12.45	2.49	16.94	15.46	.83	7,500	1,875	....	......
8	130,846	30,923	15.59	3.68	19.27	17.33	.69	510,000	3,953	38,250	297
9	55,110	....	18.22	......	18.22	19.96	1.17	....	......	152,520	3,113
10	12,278	5,483	14.72	6.57	21.29	19.02	.88	70,000	5,385	5,000	385
11	19,447	5,080	12.54	3.28	15.82	13.62	1.36	....	......	4,000	190
12	13,531	3,347	15.50	3.83	19.33	18.56	.85	46,860	3,124	2,400	160
13	170,335	*	14.52	*	......	13.47	.56	2,331,547	12,671	....	......
14	20,561	7,240	15.84	5.58	21.12	18.49	.94	177,600	9,867	3,600	200
15	3,508	....	13.16	......	13.16	10.33	.92	....	......	....	......
16	4,694	1,673	11.27	4.02	15.29	12.31	1.07	23,429	4,686	1,200	240
17	28,445	....	16.26	......	16.26	15.06	1.24	....	......	11,185	361
18	13,472	....	17.60	......	17.60	15.71	.82	....	......	5,700	438
19	9,251	2,000	11.78	2.55	14.33	13.16	1.03	....	......	....	......
20	392,602	112,952	19.02	5.47	24.49	19.71	1.16	1,369,750	4,189	532,397	1,628
	1,444,886	346,106	17.92	5.02	22.94	20.04	.95	6,509,049	5,288	775,242	630
1	34,223	10,959	18.32	5.86	24.18	21.27	1.31	129,000	4,778	....	......
2	20,939	5,013	17.37	4.16	21.53	17.46	1.08	34,038	1,891	4,800	267
3	70,719	18,341	19.42	5.04	24.46	21.06	2.19	354,342	6,328	166	3
4	35,092	10,703	13.78	4.20	17.98	16.53	1.50	105,037	3,001	....	......
5	33,370	7,027	16.34	3.44	19.78	18.70	3.08	127,000	3,256	650	17
	194,343	52,043	17.18	4.60	21.78	19.25	1.93	749,417	4,282	5,616	32
	1,639,229	398,149	17.83	4.96	22.79	19.95	1.07	7,258,466	5,162	780,858	561
1	1,702	....	30.32	......	30.32	8.91	1.60	....	......	....	......
2	4,146	....	19.95	......	19.95	16.77	.70	....	......	813	203
3	1,635	....	20.50	......	20.50	16.01	1.39	....	......	....	......
4	8,374	....	27.77	......	27.77	19.65	2.25	....	......	....	......
5	1,323	....	22.54	......	22.54	21.59	.99	....	......	1,500	1,500
6	10,378	4,359	13.42	5.64	19.06	15.69	.92	78,461	7,133	1,000	91
7	6,195	....	21.37	......	21.37	8.56	1.32	....	......	....	......
8	1,761	....	9.03	......	9.03	17.18	.68	....	......	7,600	2,533
9	4,385	....	27.60	......	27.60	24.61	1.77	....	......	....	......
10	1,410	....	17.48	......	17.48	13.04	.86	....	......	....	......
11	2,206	....	23.81	......	23.81	21.30	1.25	....	......	700	350
12	2,644	....	26.41	......	26.41	14.85	4.20	....	......	....	......
13	2,488	....	14.79	......	14.79	9.93	1.48	....	......	....	......
14	2,019	....	22.48	......	22.48	19.38	1.18	....	......	....	......
15	740	....	10.44	......	10.44	8.55	1.40	....	......	....	......
16	2,146	....	16.56	......	16.56	21.67	1.67	....	......	....	......
17	10,692	....	17.79	......	17.79	15.03	1.49	....	......	23,350	2,594
18	3,449	....	24.76	......	24.76	21.02	2.07	....	......	....	......
19	4,927	2,408	16.68	8.15	24.83	14.07	1.37	21,673	3,612	....	......
20	1,980	....	21.00	......	21.00	19.69	1.57	....	......	....	......
21	9,193	837	22.39	2.04	24.43	17.20	2.03	8,367	1,046	....	......
22	13,970	8,915	13.40	8.55	21.95	18.17	1.06	127,000	8,467	1,500	100
23	6,787	4,816	18.82	13.35	32.17	15.40	1.86	91,511	15,252	2,100	350
24	2,103	....	16.84	......	16.84	11.12	1.50	....	......	....	......
25	4,503	....	13.71	......	13.71	12.66	1.00	....	......	....	......
26	2,272	....	25.35	......	25.35	11.54	1.89	....	......	....	......

*In default.

THE ROMAN CATHOLIC

TABLE 24—FINANCIAL

Towns	Counties	Equaliz'd Assessment per Classroom $	No. of Classrooms	Average Daily Attendance	Average Daily Attendance per Classroom	Pupil-Days Attended	Trustee Levy (including Debenture) $	Legislative Grant $
27 Gananoque	Leeds	71,062	4	124	31.00	23,352	2,760	302
28 Amherstburg	Essex	68,096	10	294	29.40	55,335	7,938	472
29 Thorold	Welland	66,696	8	371	46.37	69,920	7,820	826
30 Newmarket	York	65,289	2	48	24.00	8,624	2,289	203
31 Mimico	York	64,767	6	258	43.00	50,073	6,898	844
32 Perth	Lanark	61,706	5	143	28.60	27,273	4,324	635
33 Goderich	Huron	60,113	2	56	28.00	10,691	1,291	162
34 Tilbury	Kent	58,507	9	265	29.50	50,345	6,190	2,010
35 Cornwall	Stormont	55,679	57	2,330	42.36	445,030	41,503	6,639
36 Walkerton	Bruce	54,505	6	189	31.50	35,498	2,991	978
37 Arnprior	Renfrew	51,694	11	369	33.55	68,713	7,157	1,139
38 Riverside	Essex	49,719	14	472	33.71	88,757	13,102	1,133
39 La Salle	Essex	46,538	5	167	33.40	31,119	2,416	1,394
40 Wallaceburg	Kent	46,205	12	419	34.91	79,690	6,341	2,207
41 Weston	York	44,966	5	187	37.40	35,590	4,678	526
42 Hanover	Grey	44,583	2	67	33.50	12,760	2,293	306
43 Almonte	Lanark	39,517	4	96	24.00	18,335	1,099	763
44 Pembroke	Renfrew	39,374	26	903	34.73	170,436	14,333	4,301
45 Midland	Simcoe	36,816	10	392	39.20	74,169	3,108	2,303
46 Essex	Essex	35,587	2	34	17.00	6,428	347	1,313
47 Alexandria	Glengarry	34,651	13	426	32.77	81,181	7,388	1,905
48 Tecumseh	Essex	32,577	16	396	24.75	71,116	8,356	3,726
49 Vankleek Hill	Prescott	32,005	6	191	31.83	36,048	2,271	1,284
50 Blenheim	Kent	28,664	1	15	15.00	2,915	129	265
51 Eastview	Carleton	27,366	23	871	37.87	164,720	12,416	5,187
52 Hawkesbury	Prescott	25,947	30	1,173	39.10	220,065	17,533	7,409
53 Clarkstown	Russell	23,023	11	395	35.91	74,432	5,524	2,574
54 Rockland	Russell	18,685	15	479	31.93	91,519	7,735	3,392
Totals and Averages		56,578	425	14,454	34.01	2,739,095	301,999	63,064
	(Districts)							
55 Little Current	Manitoulin	87,214	2	32	16.00	6,077	260	1,564
56 Fort Frances	Rainy River	77,103	9	284	31.55	53,835	9,634	706
57 Cochrane	Cochrane	72,596	8	252	31.50	50,459	9,285	1,374
58 New Liskeard	Timiskaming	71,333	3	71	23.67	13,407	4,700	499
59 Coniston	Sudbury	51,829	10	356	35.60	67,369	14,442	3,753
60 Iroquois Falls	Cochrane	51,493	7	227	32.43	43,035	16,038	2,305
61 Kenora	Kenora	47,070	7	226	29.43	42,675	4,227	827
62 Sioux Lookout	Kenora	46,709	4	118	29.50	22,734	1,900	1,827
63 Timmins	Cochrane	43,052	58	1,952	33.66	390,406	87,394	20,457
64 Hearst	Cochrane	38,697	5	139	27.80	27,819	3,448	3,342
65 Blind River	Algoma	37,952	11	337	30.63	66,040	9,758	2,650
66 Rainy River	Rainy River	37,760	2	38	19.00	7,288	1,915	486
67 Sturgeon Falls	Nipissing	36,633	24	905	37.71	176,476	25,085	4,673
68 Haileybury	Temiskaming	32,561	7	199	28.43	37,657	6,250	1,888
69 Charlton	Temiskaming	29,060	1	18	18.00	3,498	825	689
70 Kearney	Parry Sound	25,283	1	26	26.00	4,738	381	307
71 Chelmsford	Sudbury	24,899	7	249	35.57	46,942	1,125	4,393
72 Mattawa	Nipissing	23,121	9	340	37.78	77,320	4,151	4,405
73 Keewatin	Kenora	24,617	2	35	17.50	6,609	442	347
74 Cache Bay	Nipissing	21,493	4	151	37.75	29,751	1,745	1,384
75 Smooth Rock Falls	Cochrane	18,392	6	172	28.67	34,459	7,228	5,784
76 Cobalt	Timiskaming	18,220	10	313	31.30	58,892	8,427	6,963
77 Massey	Sudbury	17,927	3	92	30.67	17,080	1,234	1,114
78 Bonfield	Nipissing	9,770	5	147	29.40	28,975	786	3,398
Totals and Averages		40,565	205	6,679	32.58	1,313,541	220,680	75,135
Totals and Averages	All Towns	51,368	630	21,133	33.54	4,052,636	522,679	138,199

SEPARATE SCHOOLS

STATISTICS, 1936

	Expenditures		Cost of Education per Pupil-Day (in cents)					Debenture Debt		Other Forms of Debt	
	Current $	Capital $	Current	Capital	Total	Trustee Levy Share	Legislative Share	Total $	Per Classroom $	Total $	Per Classroom $
27	4,137	2,408	17.72	10.31	28.03	11.82	1.30	21,673	5,418	....	......
28	7,728	1,730	13.97	3.13	17.10	14.35	.85	....	......	33,000	3,300
29	8,502	....	12.16	......	12.16	11.18	1.18	....	......	....	......
30	2,225	....	25.80	......	25.80	26.54	2.35	....	......	3,360	1,680
31	8,504	3,158	16.98	6.31	23.29	13.78	1.69	....	......	62,200	10,367
32	6,570	....	24.09	......	24.09	15.86	2.33	....	......	....	......
33	2,008	....	18.78	......	18.78	12.08	1.52	....	......	1,500	750
34	9,422	2,064	18.71	4.10	22.81	12.30	3.99	....	......	....	......
35	55,525	....	12.48	......	12.48	9.33	1.49	....	......	....	......
36	6,221	....	17.52	......	17.52	8.43	2.76	8,991	1,499	....	......
37	10,579	....	15.40	......	15.40	10.42	1.66	....	......	2,400	218
38	15,504	*	17.47	*	......	14.76	1.28	184,101	13,162	....	......
39	4,005	*	12.87	*	......	7.76	4.48	68,873	13,775	....	......
40	10,712	3,207	13.44	4.02	17.46	7.96	2.77	....	......	....	......
41	6,808	373	19.13	1.05	20.18	13.14	1.48	....	......	562	112
42	2,111	1,453	16.54	11.39	27.93	17.97	2.40	24,700	12,350	....	......
43	3,772	....	20.57	......	20.57	6.00	4.17	....	......	3,153	788
44	23,987	*	34.91	*	......	20.86	6.26	54,944	2,113	287	11
45	10,067	2,530	13.57	3.41	16.98	4.19	3.11	14,252	1,425	21,000	2,100
46	2,147	....	33.40	......	33.40	5.41	20.42	....	......	8,800	4,400
47	8,668	500	10.68	.62	11.30	9.10	2.35	3,000	231	6,250	481
48	16,928	*	23.80	*	......	11.75	5.24	74,189	5,741	4,503	281
49	4,153	....	11.52	......	11.52	6.30	3.56	....	......	....	......
50	840	....	28.82	......	28.82	4.43	9.09	....	......	....	......
51	21,349	....	12.96	......	12.96	7.54	3.15	....	......	9,590	417
52	31,247	....	14.20	......	14.20	7.97	3.37	....	......	90,683	3,023
53	10,039	....	13.49	......	13.49	7.42	3.46	55,000	5,000	15,458	1,405
54	11,386	....	12.44	......	12.44	8.45	3.71	6,000	400	300	20
	418,572	38,758	20.53	1.63	22.16	14.81	3.09	842,735	1,983	301,609	710
55	2,623	....	43.17	......	43.17	4.28	25.75	....	......	....	......
56	7,494	4,880	13.92	9.07	22.99	17.90	1.31	89,649	9,961	8,828	981
57	9,766	1,590	19.35	3.15	22.50	18.40	2.72	22,000	2,750	....	......
58	3,978	1,072	29.67	7.96	37.63	35.01	3.72	....	......	300	100
59	15,438	....	22.92	......	22.92	21.44	5.57	....	......	....	......
60	15,505	4,254	36.03	9.89	45.92	37.27	5.36	....	......	....	......
61	5,295	....	12.41	......	12.41	9.91	1.94	23,355	3,336	....	......
62	3,621	1,891	15.93	8.32	24.25	8.36	8.04	37,823	9,456	1,650	412
63	77,220	24,386	19.78	6.25	26.03	22.39	5.24	244,687	4,219	1,090	188
64	5,703	....	20.50	......	20.50	12.39	12.01	....	......	5,000	1,000
65	11,914	*	18.04	*	......	14.78	4.01	29,972	2,725	....	......
66	1,810	681	24.84	9.34	34.18	26.28	6.67	7,287	3,644	136	68
67	30,274	*	17.15	*	......	14.21	2.65	114,413	4,767	....	......
68	8,560	*	22.73	*	......	16.60	5.01	20,924	2,989	....	......
69	1,218	....	34.82	......	34.82	23.59	19.72	....	......	....	......
70	918	....	19.38	......	19.38	8.04	6.48	....	......	....	......
71	8,984	1,169	19.14	2.49	21.63	2.40	9.36	23,403	3,343	2,566	367
72	9,502	813	12.29	1.05	13.34	5.37	5.70	5,932	659	....	......
73	1,140	....	17.25	......	17.25	6.69	5.26	....	......	420	210
74	3,063	....	10.30	......	10.30	5.87	4.65	....	......	....	......
75	12,493	....	36.25	......	36.25	20.98	16.79	....	......	....	......
76	13,618	1,315	23.12	2.23	25.35	14.31	11.82	13,240	1,324	50	5
77	2,965	....	17.36	......	17.36	7.22	6.52	....	......	....	......
78	2,998	1,444	10.35	4.98	15.33	2.71	11.73	21,664	4,333	750	150
	256,100	43,495	19.50	4.21	23.71	16.80	5.72	654,349	3,192	20,790	101
	674,672	82,253	16.65	2.41	19.06	12.90	3.41	1,497,084	2,376	322,399	512

*In default.

THE ROMAN CATHOLIC

TABLE 24—FINANCIAL

Villages	Counties	Equaliz'd Assessment per Classroom $	No. of Classrooms	Average Daily Attendance	Average Daily Attendance per Classroom	Pupil-Days Attended	Trustee Levy (including Debenture) $	Legislative Grant $
1 Forest Hill	York	465,033	1	54	54.00	10,350	6,800	75
2 Arthur	Wellington	102,805	3	72	24.00	13,987	2,264	323
3 Belle River	Essex	89,603	7	153	21.85	27,805	5,634	616
4 Elora	Wellington	86,289	1	19	19.00	3,691	608	102
5 Port Dalhousie	Lincoln	81,398	2	67	33.50	12,736	3,132	647
6 Westport	Leeds	74,038	2	76	38.00	14,940	1,700	199
7 Swansea	York	72,405	1	31	31.00	5,953	....	365
8 Tweed	Hastings	71,076	3	115	38.33	21,620	2,005	740
9 Teeswater	Bruce	70,000	1	33	33.00	6,058	702	158
10 Hastings	North'd	66,258	2	54	27.00	10,248	1,185	536
11 Fergus	Wellington	64,614	1	16	16.00	3,079	487	84
12 Mildmay	Bruce	64,579	3	101	33.67	19,036	2,081	1,040
13 Chesterville	Dundas	61,136	2	44	22.00	8,364	1,251	505
14 Eganville	Renfrew	50,444	4	103	25.75	19,521	1,532	526
15 Marmora	Hastings	42,165	2	41	20.50	7,804	1,034	547
16 Portsmouth	Frontenac	39,064	1	45	45.00	8,622	435	268
17 Berry's Bay	Renfrew	38,982	7	236	33.85	47,175	3,058	3,386
18 Lancaster	Glengarry	32,045	4	108	27.00	20,213	1,156	1,881
19 Killaloe	Renfrew	29,441	5	93	18.60	17,380	1,777	2,458
20 Casselman	Russell	28,804	10	301	30.10	48,493	2,802	2,074
Totals and Averages	....	61,743	62	1,762	28.42	327,075	39,643	16,530
	(Districts)							
21 Thornloe	Temiskaming	30,940	1	21	21.00	4,358	432	592
Totals and Averages—All Villages		61,254	63	1,783	28.30	331,433	40,075	17,122
Totals and Averages—Urban Municipalities		91,232	2,099	71,341	33.99	13,579,888	2,396,929	253,858
Totals and Averages—All Schools (Rural and Urban)		81,947	2,884	91,104	31.59	17,361,041	2,824,483	564,019

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SEPARATE SCHOOLS

STATISTICS, 1936

	Expenditures		Cost of Education per Pupil-Day (in cents)					Debenture Debt		Other Forms of Debt	
	Current $	Capital $	Current	Capital	Total	Trustee Levy Share	Legislative Share	Total $	Per Classroom $	Total $	Per Classroom $
1	1,908	1,840	18.43	17.78	36.21	65.70	.72	20,000	20,000	....	.....
2	3,021	....	21.60	......	21.60	16.19	2.31	....	......	....	.....
3	5,316	1,743	19.12	6.27	25.39	20.26	2.22	16,207	2,315	1,000	143
4	761	....	20.62	......	20.62	16.47	2.76	....	......	....	.....
5	4,015	317	31.52	2.49	34.01	24.59	5.08	....	......	182	91
6	1,790	....	11.98	......	11.98	11.38	1.33	....	......	....	.....
7	1,635	740	27.46	12.43	39.89	......	6.13	8,000	8,000	....	.....
8	3,622	....	16.75	......	16.75	9.27	3.42	....	......	880	293
9	854	....	14.10	......	14.10	11.59	2.61	....	......	1,500	1,500
10	1,842	....	17.97	......	17.97	11.63	5.23	....	......	500	250
11	732	....	23.77	......	23.77	15.84	2.73	....	......	....	.....
12	3,893	1,156	20.45	6.07	26.52	10.93	5.46	8,092	2,697	37	12
13	2,100	....	25.11	......	25.11	14.96	6.04	....	......	3,000	1,500
14	3,143	....	16.10	......	16.10	7.85	2.69	....	......	....	.....
15	1,789	523	22.92	6.70	29.62	13.25	7.01	3,008	1,504	1,657	829
16	940	....	10.90	......	10.90	5.05	3.11	....	......	25	25
17	8,306	1,955	17.61	4.14	21.75	6.48	7.18	37,157	5,308	....	.....
18	5,210	....	25.78	......	25.78	5.72	9.1	....	......	....	.....
19	5,589	523	32.15	3.01	35.16	10.22	14.14	3,138	628	6,056	1,211
20	7,601	733	15.67	1.51	17.18	5.78	4.28	24,979	2,498	2,000	200
	64,067	9,530	19.59	2.91	22.50	12.12	5.05	120,581	1,945	16,837	272
21	1,275	....	29.26	......	29.26	9.91	13.58	1,111	1,111	....	.....
	65,342	9,530	19.71	2.83	22.59	12.09	5.17	121,692	1,932	16,837	267
	2,379,243	489,932	17.52	4.16	21.68	17.65	1.87	8,877,242	4,229	1,120,094	534
	3,149,164	585,933	18.14	3.77	21.91	16.27	3.25	9,745,741	3,379	1,230,858	427

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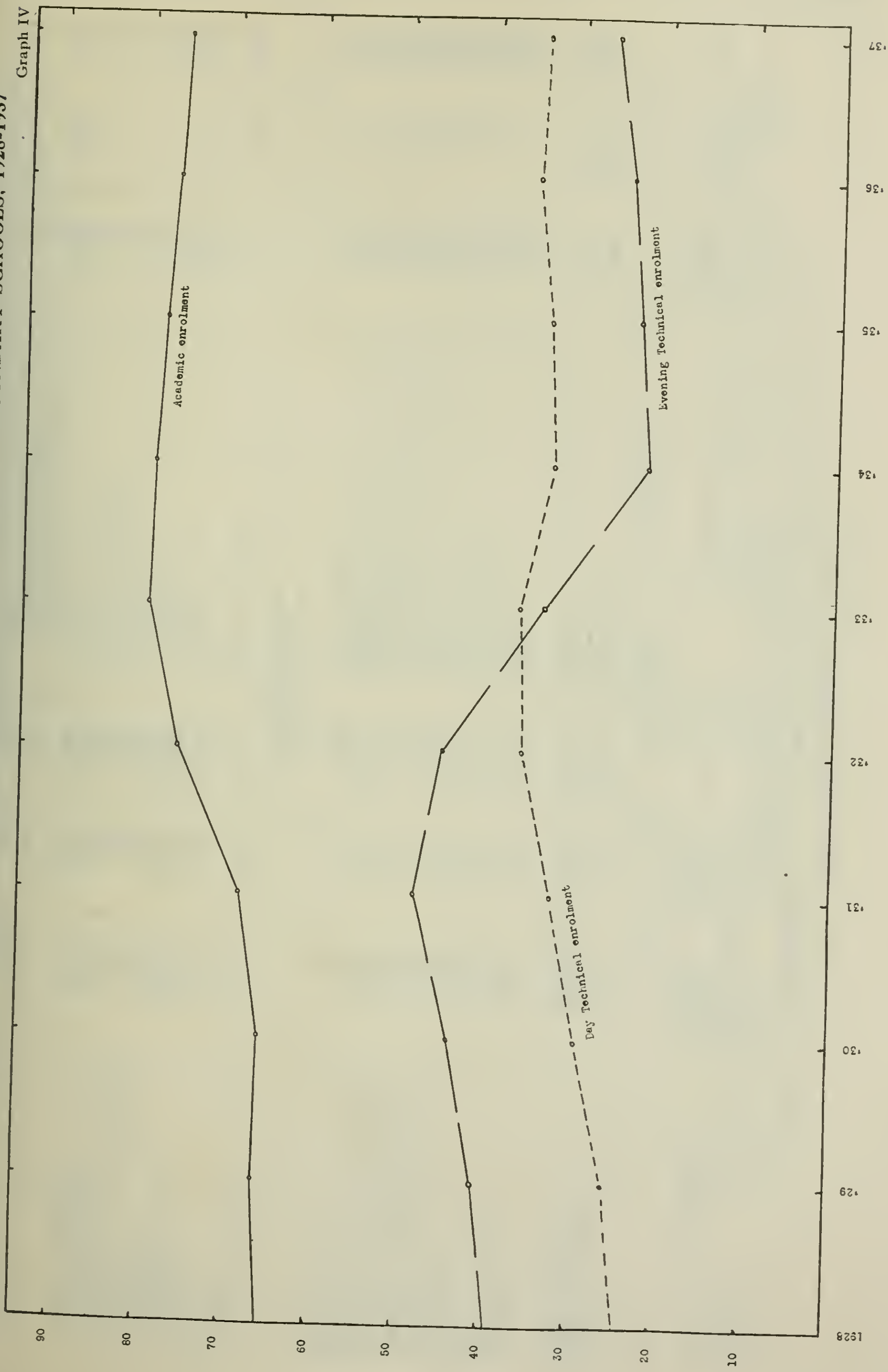
THE ROMAN CATHOLIC SEPARATE SCHOOLS

TABLE 25—TEACHERS' SALARIES, 1936-37

Rural Schools	Male					Female				
	Highest	Average				Highest	Average			
		All	First Class Teachers	Second Class Teachers	Third Class Teachers		All	First Class Teachers	Second Class Teachers	Third Class Teachers
Counties	$	$	$	$	$	$	$	$	$	$
Addington	......	......	......	......	......	800	700	800	600	......
Bruce	700	700	......	700	......	1,100	782	633	823	......
Carleton	800	700	......	750	600	900	681	680	684	668
Dundas	......	......	......	......	......	650	475	......	650	300
Essex	700	700	......	......	......	1,200	736	708	745	700
Frontenac	850	675	......	......	......	800	569	562	560	......
Glengarry	850	700	650	825	500	1,700	889	1,050	700	533
Grey	487	487	487	......	......	800	560	617	515	......
Hastings	......	......	......	......	......	1,050	673	600	686	......
Huron	......	......	......	......	......	1,200	817	650	985	......
Kent	825	730	730	......	......	1,000	812	761	729	......
Lambton	......	......	......	......	......	600	550	500	600	......
Lanark	600	600	......	600	......	720	610	......	610	......
Leeds	......	......	......	......	......	500	475	......	475	......
Lennox	......	......	......	......	......	600	600	600	......	......
Middlesex	......	......	......	......	......	550	500	483	525	......
Norfolk	......	......	......	......	......	700	633	700	600	......
Northumberland	......	......	......	......	......	650	540	575	517	......
Ontario	700	700	700	......	......	600	600	......	600	......
Peel	......	......	......	......	......	675	675	675	......	......
Perth	......	......	......	......	......	1,200	878	870	892	......
Peterborough	......	......	......	......	......	600	580	600	567	......
Prescott	1,020	690	840	812	525	1,000	574	825	600	451
Renfrew	750	......	......	......	......	1,200	751	816	707	......
Russell	775	597	765	511	......	1,000	545	820	578	490
Simcoe	900	......	......	900	......	900	756	......	793	500
Stormont	750	750	......	750	......	1,300	801	840	812	500
Victoria	850	737	850	625	......	700	700	700	......	......
Waterloo	......	......	......	......	......	800	692	750	661	......
Wellington	......	......	......	......	......	800	607	633	550	......
Wentworth	......	......	......	......	......	850	566	637	425	......
York	1,425	1,425	......	1,425	......	1,140	963	728	1,000	......
Counties	1,425	702	805	769	522	1,700	705	755	734	519
Districts										
Algoma	......	......	......	......	......	1,000	967	1,000	900	......
Cochrane	1,200	828	850	896	692	1,200	741	1,000	810	670
Kenora	1,000	1,000	1,000	......	......	......	......	......	......	......
Muskoka	750	750	750	......	......	650	650	650	......	......
Nipissing	900	772	856	687	692	1,000	781	750	747	627
Parry Sound	......	......	......	......	......	500	500	500	......	......
Rainy River	800	800	......	800	......	850	775	700	850	......
Sudbury	1,400	851	1,050	850	692	1,200	823	937	851	700
Temiskaming	1,000	1,000	1,000	1,000	......	1,300	926	1,060	939	750
Thunder Bay	......	......	......	......	......	800	800	800	......	......
Districts	1,400	840	950	879	692	1,300	810	898	872	675
All Rural Schools	1,425	773	880	825	603	1,700	736	780	772	587
Cities	2,375	885	862	1,040	743	1,800	722	676	740	529
Towns	1,500	949	1,051	882	1,000	1,800	730	783	727	570
Villages	800	725	725	......	......	1,400	804	775	813	......
All Urban Schools	2,375	899	897	977	800	1,800	727	714	738	547
For the Province	2,375	858	893	921	650	1,800	729	730	746	577
Increase for Year	75	15	9	......	41	......	13	......	......	......
Decrease for Year	......	......	......	28	......	......	......	17	2	4

COMPARISON OF ENROLMENT IN ONTARIO ACADEMIC AND TECHNICAL SECONDARY SCHOOLS, 1928-1937

Graph IV



THE SECONDARY SCHOOLS

TABLE 26—CLASSIFICATION OF ACADEMIC PUPILS BY SUBJECTS OF STUDY, 1936-37

(1. Obligatory Subjects 2. Optional Subjects)

SUBJECTS	High Schools and Collegiate Institutes	Continuation Schools	Totals	SUBJECTS	High Schools and Collegiate Institutes	Continuation Schools	Totals
Lower School							
				(1)			
English Composition	38,402	5,190	43,592	Physiography	15,391	2,469	17,860
English Literature	34,828	5,185	40,013	Algebra	20,929	2,978	23,907
British History	18,868	2,764	21,632	Geometry	15,592	2,484	18,076
				(2)			
Arithmetic	15,947	2,959	18,906	German	1,456	....	1,456
English Grammar	15,094	2,373	17,467	Manual Training	1,434	9	1,443
Art	14,214	2,587	16,801	Household Science	1,743	16	1,759
Geography	18,701	2,461	21,162	Vocal Music	4,532	428	4,960
Botany	8,254	1,787	10,041	Business Practice	3,662	75	3,737
Zoology	6,398	2,016	8,414	Civics	2,950	125	3,075
Agriculture and Horticulture I	6,073	692	6,765	Farm Mechanics	28	....	28
Agriculture and Horticulture II	4,008	560	4,568	Social Science	263	....	263
Latin	27,620	4,324	31,944	General Science	202	....	202
French	32,018	4,847	36,865	Economics	29	....	29
Special French	375	13	388	Library Science	202	....	202
Greek	43	....	43				
Middle School							
				(1)			
English Composition	16,117	2,697	18,814	English Literature	17,129	2,681	19,810
				(2)			
(a) Algebra	15,443	1,727	17,170	French	19,083	2,315	21,398
Geometry	11,029	1,380	12,409	Special French	266	....	266
Physics	10,905	1,618	12,523	German	2,112	....	2,112
Chemistry	9,045	1,327	10,372	Spanish	94	....	94
Agriculture and Horticulture I	1,970	289	2,259	(c) Manual Training	41	....	41
Agriculture and Horticulture II	1,706	178	1,884	Household Science	77	....	77
Canadian History	13,767	1,677	15,444	Art	106	....	106
Ancient History	9,933	1,556	11,489	Vocal Music	658	134	792
				Bookkeeping and Penmanship	67	4	71
(b) Latin	17,269	2,040	19,309	Stenography and Typing	95	....	95
Greek	96	42	138	Civics	6	....	6

Upper School

				(2)			
English Composition	2,309	363	2,672	Zoology	2,145	106	2,251
English Literature	7,726	385	8,111	Latin	2,685	137	2,822
Algebra	4,284	152	4,436	Greek	45	....	45
Geometry	4,707	175	4,882	French	5,046	167	5,213
Trigonometry	5,437	268	5,705	Special French	126	....	126
Modern World History	3,991	237	4,228	German	512	....	512
Physics	2,543	83	2,626	Spanish	8	....	8
Chemistry	2,828	90	2,918	Music	53	....	53
Botany	2,171	110	2,281	Civics	36	....	36

Commercial Course

				(1)			
Literature (including Oral Reading)	1,872	103	1,975	Commercial Geography	565	48	613
Composition (including English Grammar)	928	53	981	Arithmetic (including Rapid Calculation)	2,045	109	2,154
				Penmanship and Spelling	2,100	117	2,217
Composition (including Business Correspondence)	1,641	71	1,712	Bookkeeping (including Business Forms)	1,751	108	1,859
				Office Practice (including Business Law)	1,080	84	1,164
Canadian History and Civics	743	35	778	Typewriting	2,214	106	2,320
British History	642	28	670	Physiography	633	59	692
				(2)			
Shorthand	1,890	67	1,957	French	477	14	491

A Commercial Course Class was enrolled in the following Schools:

COLLEGIATE INSTITUTES

Cobourg
Collingwood
Goderich
Ingersoll
Lindsay
Morrisburg
Orillia
Smith's Falls
Windsor (Sandwich)
York (Memorial)

HIGH SCHOOLS

Almonte
Amherstburg
Arnprior
Beamsville
Bowmanville
Brampton
Burlington
Carleton Place
Chapleau
Dundas
Dunnville
Elmira
Fergus
Gananoque
Grimsby
Hagersville
Hanover
Kenora
Leamington
Listowel
Markdale
Meaford
Merritton
Midland
Mimico
Nepean
New Liskeard
Newmarket
Oakville
Orangeville
Paris
Port Colborne
Port Credit
Port Hope
Richmond Hill
Ridgetown
Stoney Creek
Thorold
Walkerton
Wallaceburg
Waterdown
Whitby
Wiarton
Winchester
Wingham

CONTINUATION SCHOOLS

Long Branch
Pelham
Preston

THE SECONDARY SCHOOLS

TABLE 27—ADMISSIONS AND DESTINATIONS OF SECONDARY SCHOOL PUPILS, 1936-37

	Collegiate Institutes and High Schools	Continuation Schools	Vocational Schools	Totals
Admissions: Beginners from—				
Publicly-controlled Elementary Schools	19,489	3,034	12,036	34,559
Private Schools	166	4	348	518
Other sources	528	71	386	985
Totals	20,183	3,109	12,770	36,062
Destinations:*				
Commerce	2,845	194	3,552	6,591
Agriculture	1,480	725	310	2,515
Normal School	679	51	14	744
College or University	1,726	65	118	1,909
Business College	1,251	170	276	1,697
Private School	544	44	65	653
Trades	1,524	171	2,110	3,805
Other Occupations	3,442	703	3,124	7,269
Without Occupation	2,698	499	3,434	6,631
By Death or Disability	257	39	210	506
Unknown	2,129	108	3,749	5,986
Totals	18,575	2,769	16,962	38,306

*Estimated made by Secondary School Principals.

TABLE 28—DEPARTMENTAL EXAMINATION RESULTS, 1937

(a) June Lower School

Subjects	Number of Candidates	Candidates Recommended		Candidates Writing			Aegrotat	Appeals		Total Number Successful	Per cent.	
		Total Number	Per Cent. Recommended	Total Number	Number Passing	Per Cent. Passing		Total Number	Number Sustained		1937	1936
English Grammar	18,675	14,820	79.36	3,845	2,011	52.30	10	19	11	16,852	90.24	90.07
British History...	22,675	17,523	77.28	5,137	1,301	25.33	15	39	23	18,862	83.18	87.77
Geography......	22,037	18,244	82.79	3,771	1,840	48.79	22	24	11	20,117	91.29	90.38
Physiography....	18,193	14,380	79.04	3,805	924	24.28	8	22	10	15,322	84.22	87.10
Arithmetic......	18,762	13,996	74.60	4,758	2,068	43.46	8	15	12	16,084	85.73	81.76
Art.............	19,024	16,190	85.10	2,817	1,483	52.64	17	19	8	17,698	93.03	92.46
Botany.........	11,609	9,251	79.69	2,353	1,225	52.06	5	8	3	10,484	90.31	90.40
Zoology.........	9,491	8,052	84.84	1,432	994	69.41	7	7	5	9,058	95.44	94.17
Agriculture I....	7,723	6,183	80.06	1,533	331	21.59	7	5	3	6,524	84.47	86.69
Agriculture II...	4,765	4,130	86.67	631	280	44.37	4	1	..	4,414	92.63	91.75
French Grammar	863	547	63.38	316	232	73.42	..	1	..	779	90.27	93.77
Totals........	153,817	123,316	......	30,389	12,689	......	103	160	86	136,194	......	......

Total Number of Candidates........46,489 Total Number of Centres........605

(b) June Lower School Fifth Classes

(Included in (a) above)

Subjects	Number of Candidates	Candidates Recommended		Candidates Writing			Aegrotat	Total Number Successful	Per cent.	
		Total Number	Per cent. Recommended	Total Number	Number Passing	Per cent. Passing			1937	1936
English Grammar...	4,126	2,373	57.58	1,744	1,153	66.11	9	3,535	85.67	85.03
British History.....	5,032	2,817	55.98	2,201	891	40.48	14	3,722	73.97	84.25
Geography.........	4,703	2,766	58.81	1,923	982	51.07	14	3.962	84.24	85.01
Physiography......	3,133	1,856	59.24	1,270	502	39.53	7	2,365	75.49	80.86
Arithmetic.........	3,381	1,663	49.19	1,710	1,016	59.42	8	2,687	79.47	71.63
Art...............	4,160	2,563	61.61	1,583	964	60.90	14	3,541	85.12	85.48
Botany...........	2,513	1,378	54.83	1,131	819	72.41	4	2,201	87.58	89.55
Zoology..........	1,734	994	57.32	735	610	82.99	5	1,609	92.80	90.68
Agriculture I.......	1,723	965	56.01	753	266	35.33	5	1,236	71.74	78.33
Agriculture II......	547	312	48.22	231	162	70.13	4	478	87.39	84.00
French Grammar...	649	415	63.94	234	171	73.08	..	586	90.29	93.54
Totals........	31,701	18,102	....	13,515	7,736	....	84	25,882	......	......

Total Number of Candidates... 8.717

(c) June Middle School

Subjects	Number of candidates	Candidates Recommended		Candidates Writing			Aegrotat	Appeals		Total Number Successful	Per Cent.	
		Total Number	Per cent. Recommended	Total Number	Number Passing	Per cent. Passing		Total Number	Number Sust'd.		1937	1936
English Composition	16,079	3,862	24.02	12,174	5,539	45.50	43	111	28	9,472	58.91	64.51
English Literature	14,413	3,745	25.98	10,620	6,366	59.94	48	55	8	10,167	70.54	68.02
Canadian History	17,541	5,415	30.87	12,080	6,464	53.51	46	221	82	12,007	68.45	68.89
Ancient History	13,377	4,511	33.72	8,834	6,017	68.11	32	76	28	10,588	79.15	64.62
Algebra	16,688	5,357	32.10	11,284	7,974	70.67	47	36	2	13,380	80.18	65.43
Geometry	12,696	4,406	34.70	8,243	4,578	55.54	47	64	14	9,045	71.24	75.19
Physics	13,650	4,647	34.04	8,957	6,300	70.34	46	75	22	11,015	80.70	62.97
Chemistry	11,359	3,731	32.85	7,567	5,798	76.62	61	35	4	9,594	84.46	62.42
Latin Authors	9,734	3,276	33.66	6,413	4,113	64.14	45	98	43	7,477	76.81	74.35
Latin Composition	9,907	3,279	33.10	6,590	4,078	61.88	38	68	25	7,420	74.90	78.14
French Authors	10,809	3,799	35.15	6,967	4,858	69.78	43	49	17	8,717	80.65	66.67
French Composition	10,689	2,875	26.90	7,768	5,142	66.19	46	57	16	8,079	75.58	73.80
German Authors	1,040	616	59.23	419	365	87.11	5	.....	.....	986	94.81	84.58
German Composition	1,071	487	45.47	581	455	78.31	3	3	3	948	88.52	79.36
Special French Literature	400	48	12.00	352	208	59.10	...	4	.....	256	64.00	63.53
Special French Composition	466	42	9.01	424	271	63.92	...	4	2	315	67.60	67.92
Greek Authors	59	40	67.80	19	16	84.21	...	.....	.....	56	94.92	88.33
Greek Accidence	59	36	61.02	23	18	78.26	...	.....	.....	54	91.53	89.86
Spanish Authors	75	11	14.67	64	43	67.19	...	.....	.....	54	72.00	82.21
Spanish Composition	88	10	11.36	78	50	64.10	...	.....	.....	60	68.18	70.73
Italian Authors	8	.....	.....	8	3	37.50	...	.....	.....	3	37.50	100.00
Italian Composition	8	.....	.....	8	2	25.00	...	.....	.....	2	25.00	66.67
Agriculture I	2,154	758	35.19	1,390	960	69.06	6	8	.....	1,724	80.04	84.65
Agriculture II	1,614	617	38.23	987	771	78.12	10	2	1	1,399	86.68	81.79
Music	42	5	11.90	37	35	94.59	...	.....	.....	40	95.24	47.52
Technical Arithmetic	139	55	39.57	84	38	45.24	...	2	.....	93	66.91	64.08
Household Science I	74	23	31.10	51	45	88.24	...	.....	.....	68	91.89	88.41
Household Science II	47	18	38.30	29	17	58.62	...	.....	.....	35	74.47	80.77
Special Arithmetic	8	3	37.50	5	4	80.00	...	.....	.....	7	87.50	100.00
Special Zoology	11	6	54.55	5	1	20.00	...	.....	.....	7	63.64	100.00
Commercial Physics	28	22	78.57	6	....	.....	...	.....	.....	22	78.57	83.33
Commercial Chemistry	30	22	73.33	8	4	50.00	...	.....	...	26	86.67	100.00
Commercial Geography	25	17	68.00	8	5	67.50	...	.....	...	22	88.00	76.09
Business Arithmetic	62	27	41.43	34	11	32.35	1	.....	...	39	62.90	78.95
Totals	164,450	51,766	.....	112,117	70,549	.....	567	968	295	123,177	......	......

Total No. of Candidates............35,856 Total No. of Centres............506

(d) June Upper School

Subjects	Number of candidates	Candidates Recommended		Candidates Writing				Aegrotat	Appeals			Total Number Successful	Per Cent.	
		Total Number	Per cent. Recommended	Total Number	Number Passing	Per cent. Passing	Number Granted M.S. Standing		Total Number	Number Sust'd.	Number Granted M.S. Standing		1937	1936
English Composition......	10,729	2,447	22.81	8,259	4,810	58.24	145	23	127	30	14	7,310	68.18	73.78
English Literature........	9,498	2,706	28.49	6,767	3,845	56.82	51	25	232	33	9	6,609	69.58	74.11
Modern History..........	5,003	1,381	27.60	3,591	2,150	59.87	...	31	128	42	..	3,604	72.04	62.31
Algebra.................	5,000	1,487	29.74	3,506	1,871	53.37	14	7	61	20	2	3,385	67.70	75.62
Geometry...............	5,773	1,880	32.57	3,863	2,710	70.15	13	30	64	15	..	4,635	80.29	70.89
Trigonometry...........	6,446	2,319	35.98	4,106	2,657	64.71	...	21	51	9	..	5,006	77.66	80.24
Botany.................	2,559	825	32.24	1,727	1,176	68.09	...	7	36	13	..	2,021	78.98	72.67
Zoology................	2,525	838	33.19	1,676	1,041	62.11	...	11	41	16	..	1,906	75.49	80.31
Physics................	3,024	1,029	34.03	1,991	1,095	55.00	...	4	42	13	..	2,141	70.80	71.71
Chemistry..............	3,311	1,013	30.59	2,288	1,809	79.06	14	10	27	4	1	2,836	85.65	80.38
Latin Authors...........	3,036	985	32.44	2,032	1,048	51.57	15	19	91	28	6	2,080	68.51	77.45
Latin Composition........	3,125	792	25.34	2,314	1,444	62.40	10	19	53	9	2	2,264	72.45	76.36
French Authors..........	6,001	1,966	32.76	4,015	2,644	65.85	51	20	110	39	7	4,669	77.80	84.69
French Composition......	6,133	1,566	25.53	4,545	3,139	69.06	29	22	103	40	6	4,767	77.73	81.42
German Authors.........	572	315	55.07	257	199	77.43	1	..	4	2	1	516	90.21	97.80
German Composition.....	576	250	43.40	325	212	65.23	3	1	5	2	..	465	80.73	94.18
Greek Authors...........	50	22	44.00	28	24	85.71	...	..	.....	...	..	46	92.00	84.21
Greek Composition.......	51	21	41.18	30	23	73.33	...	..	.....	...	..	44	86.27	92.98
Spanish Authors..........	52	17	32.69	35	30	85.71	1	..	.....	...	..	47	90.38	68.52
Spanish Composition......	51	16	31.37	35	31	88.57	...	..	.....	...	..	47	92.16	69.09
Special French Literature..	207	15	7.25	192	108	56.25	1	..	5	..	..	123	59.42	76.57
Special French Composition	274	12	4.38	262	135	51.53	2	..	3	...	1	147	53.65	61.05
Italian Authors..........	19	3	15.79	16	14	87.50	1	..	.....	...	..	17	89.47	90.00
Italian Composition.......	18	3	16.67	15	13	86.67	...	..	.....	...	..	16	88.89	84.62
History of Commerce.....	27	15	55.56	11	5	45.46	...	1	.....	...	..	21	77.78	87.50
Totals.............	74,060	21,923	....	51,886	32,233	....	351	251	1,183	315	49	54,722	....	......

Total Number of Candidates............19,685

Total Number of Centres............478

(e) August Middle School

Subjects	Number of candidates	Number Passing	Per Cent. Passing	Appeals		Total number successful	Per Cent.	
				Total number	Number sustained		1937	1936
English Composition...	29	21	72.41	2	2	23	79.31	37.78
English Literature.....	27	17	62.96	1	..	17	62.96	67.50
Canadian History.....	39	23	58.97	3	..	23	58.97	56.25
Ancient History.......	28	18	64.29	3	..	18	64.29	75.86
Algebra..............	28	19	67.86	..		19	67.86	63.64
Geometry............	42	26	61.90	4	1	27	64.29	69.44
Special French Literature...............	12	5	41.67	..	..	5	41.67	88.89
Special French Composition.............	13	8	61.54	1	..	8	61.54	58.82
Totals...........	218	137	....	14	3	140	....	......

Total Number of Candidates......116 Total Number of Centres......6

(f) August Upper School

Subjects	Number of Candidates	Number Writing	Number Passing	Per Cent. Passing	Appeals			Total Number Successful	Per Cent.	
					Total Number	Number Sustained	No. Granted Mid. School Standing		1937	1936
English Composition...........	179	179	114	63.69	9	1	2	115	64.25	58.84
English Literature.............	219	219	161	73.52	10	..	1	161	73.52	77.62
Modern History...............	240	240	113	47.08	20	6	..	119	49.58	62.63
Algebra......................	128	128	106	82.81	3	1	..	107	83.59	59.37
Geometry....................	220	220	105	47.73	8	..	..	105	47.73	38.57
Trigonometry.................	262	262	195	74.43	10	2	..	197	75.19	54.72
Botany......................	276	276	220	79.71	13	2	..	222	80.43	67.56
Zoology.....................	256	256	193	75.39	9	2	..	195	76.17	76.74
Physics.....................	93	93	55	59.14	7	1	..	56	60.21	55.91
Chemistry	88	88	57	64.77	7	..	..	57	64.77	63.75
Latin Authors................	31	31	16	51.61	1	..	..	16	51.61	54.76
Latin Composition............	43	43	20	46.51	2	1	..	21	48.84	70.45
French Authors...............	95	95	49	51.58	11	1	..	50	52.63	56.62
French Composition...........	116	116	73	62.93	7	3	..	76	65.52	77.64
German Authors..............	2	2	2	100.00	..	..	..	2	100.00	80.00
German Composition..........	2	2	1	50.00	..	..	..	1	50.00	40.00
Special French Literature......	59	59	47	79.66	2	..	..	47	79.66	71.64
Special French Composition....	54	54	43	79.63	1	..	..	43	79.63	69.15
Totals..................	2,363	2,363	1,570	....	120	20	3	1,590	....	....

Total Number of Candidates........1,482 Total Number of Centres........17

TABLE 29—SALARY RANGE, SECONDARY SCHOOL FULL-TIME TEACHERS, 1936-37

Range	Continuation Schools			High Schools			Collegiate Institutes			Vocational Schools*			Total
	P.	M.A.	F.A.	P.	M.A.	F.A.	P.	M.A.	F.A.	P.	M.A.	F.A.	
Below $700		1	1										2
$700– $799 inclusive	1	4	3		1	1							10
$800– $899 "	3	8	12			2							25
$900– $999 "	4	13	33		3	1							54
$1,000–$1,099 "	13	26	72		4	17		1					133
$1,100–$1,199 "	14	12	26		7	18							77
$1,200–$1,299 "	35	13	19		5	28		2	2		1		105
$1,300–$1,399 "	17	6	2		25	51		2	7		1	3	114
$1,400–$1,499 "	36	6	2	2	32	79		7	17		6	5	192
$1,500–$1,599 "	23	1	3	2	50	86		17	26		11	23	242
$1,600–$1,699 "	21	2	1	2	37	84		40	49		17	19	272
$1,700–$1,799 "	14		1	1	21	63		37	56		47	36	276
$1,800–$1,899 "	10	1		10	33	49		61	78		38	27	307
$1,900–$1,999 "	5			2	18	29		38	43		37	24	196
$2,000–$2,099 "	6			11	15	15		51	40		56	41	235
$2,100–$2,199 "	2			8	12	12		29	45		39	24	171
$2,200–$2,299 "	2			15	10	5		29	34		46	31	172
$2,300–$2,399 "	1			11	7	11		31	28		23	20	132
$2,400–$2,499 "				13	4		1	36	23		47	15	139
$2,500–$2,599 "				17	4		1	36	16		43	13	130
$2,600–$2,699 "				8	1	2	2	24	16		34	10	97
$2,700–$2,799 "	1			13		2	3	35	12		38	13	117
$2,800–$2,899 "				10			2	23	19		35	13	102
$2,900–$2,999 "				4			4	21	9	1	47	24	110
$3,000–$3,099 "				11			3	55	8	1	39	3	120
$3,100–$3,199 "				2			5	15	7		24	8	61
$3,200–$3,299 "				4			3	31	4	2	21	10	75
$3,300–$3,399 "				2			2	15	5	1	22	2	49
$3.400–$3,499 "				2			4	35	12		20	9	82
$3,500–$3,599 "				1			7	44	34	1	43	16	146
$3,600–$3,699 "				3			2	36	15		21	8	85
$3,700–$3,799 "							3	9		2	6		20
$3,800–$3,899 "				1			3						4
$3,900–$3,999 "							2						2
$4,000–$4,099 "							6			3			9
$4,100–$4,199 "													0
$4,200–$4,299 "				1			7			1	1		10
$4,300–$4,399 "													0
$4,400–$4,499 "							2			1			3
$4,500–$4,599 "							3			2			5
$4,600–$4,699 "							3			3			6
$4,700–$4,779 "													0
$4,800–$4,899 "							1			1			2
Total Teachers	208	93	175	156	289	555	69	760	605	19	763	397	4,089
Highest Salary	$2,700	$1,800	$1,600	$4,200	$2,600	$2,700	$4,800	$3,700	$3,600	$4,800	$4,200	$3,600	
Average Salary	$1,427	$1,080	$1,031	$2,492	$1,668	$1,582	$3,587	$2,524	$2,203	$3,956	$2,534	$2,283	
Increase for Year in Average Salary		$4			$9		$23			$51	$40	$20	
Decrease for Year in Average Salary				$17		$18		$22	$3				

*Whole-time Teachers in Vocational work. Vocational teachers who spend part time in High School (or Collegiate Institute) and the balance of the time in Vocational School are shown in High School (or Collegiate Institute) Section. P.—Principal M.A.—Male Assistant F.A.—Female Assistant

THE CONTINUATION SCHOOLS

TABLE 30—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1936-37

SCHOOLS	Grade	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS		
		May Enrolment	Male	Female	Average Daily Attendance for the Year	Percentage Attendance Efficiency	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	County Pupils	Non-Resident Pupils
(Counties)														
Acton	A	76	35	41	80	95.14	18	25	15	14	4	55	17	4
Agincourt	A	103	46	57	104	95.88	30	27	29	9	8	41	62	...
Ailsa Craig	B	63	31	32	52	92.89	20	18	12	13	.....	26	37	.....
Allenford	B	33	20	13	32	96.75	6	11	7	9	.....	19	11	3
Alton	B	22	12	10	19	92.15	9	5	4	4	.....	16	6	.....
Alvinston	A	55	25	30	53	95.13	15	19	9	6	6	26	27	2
Arkona	C	21	5	16	21	91.51	10	11	......	......	.....	8	12	1
Aultsville	B	18	9	9	18	91.91	6	5	4	3	.....	12	5	1
Ayr	B	47	21	26	41	95.41	13	12	11	11	.....	28	10	9
Bath	B	42	20	22	40	93.91	14	16	5	7	.....	14	28	.....
Beachburg	B	27	11	16	22	83.79	7	8	5	7	.....	27	......	.....
Beaverton	A	100	40	60	94	93.39	28	14	15	28	15	50	49	1
Beeton	B	44	15	29	43	88.58	10	12	6	16	.....	25	19	...
Belmont	B	49	19	30	46	91.35	17	14	11	7	.....	25	24	.....
Bethany	C	13	7	6	12	94.03	9	4	......	......	.....	5	8	.....
Blackstock	A	45	22	23	43	94.48	9	9	10	9	8	9	36	.....
Blyth	B	33	10	23	31	94.39	11	11	7	4	.....	18	15	.....
Bobcaygeon	A	48	16	32	43	89.32	16	14	9	7	2	25	18	5
Bolton	B	27	7	20	25	87.32	10	7	3	7	.....	13	14	.....
Bothwell	A	47	20	27	47	94.49	18	10	8	8	3	14	19	14
Bowesville	C	6	1	5	5	91.45	5	1	......	......	.....	4	2	.....
Brooklin	B	36	17	19	40	78.29	8	15	6	7	.....	13	23	.....
Brownsville	B	37	11	26	39	96.21	18	6	7	6	.....	14	14	9
Brussels	A	90	40	50	78	94.35	30	27	10	16	7	54	35	1
Burgessville	B	26	11	15	24	94.89	13	6	1	6	.....	10	16	.....
Caledon East	B	39	19	20	36	90.39	11	7	16	5	.....	22	17	.....
Cannington	B	47	23	24	46	88.31	9	11	8	19	.....	26	19	2
Cardinal	A	66	30	36	74	96.87	24	18	13	5	6	53	12	1
Carp	A	93	35	58	78	90.21	31	25	19	18	.....	46	47	.....
Castleton	B	22	6	16	21	94.86	12	3	3	4	.....	7	15	.....
Chalk River	B	17	11	6	11	79.20	6	8	......	3	.....	17	......	.....
Chatsworth	B	26	11	15	25	93.62	7	7	5	7	.....	14	12	.....
Claremont	B	33	11	22	34	93.26	11	7	10	5	.....	21	12	.....
Clifford	B	26	7	19	24	94.35	12	9	3	2	.....	7	10	9
Cobden	C	20	9	11	19	94.16	8	12	......	......	.....	15	5	.....
Coldwater	B	41	22	19	37	87.19	8	13	8	12	.....	20	21	.....
Comber	A	73	34	39	73	95.01	25	19	5	17	7	36	37	.....
Consecon	B	31	10	21	29	91.14	8	11	7	5	.....	12	18	1
Cookstown	B	49	22	27	44	89.84	16	15	11	7	.....	39	10	.....
Cooksville	B	38	13	25	39	93.89	19	7	7	5	.....	25	13	.....
Creemore	A	53	25	28	51	95.06	14	17	5	9	8	25	27	1
Cumberland	B	22	9	13	20	97.32	7	3	6	6	.....	20	2	.....
Delaware	B	24	11	13	21	91.46	7	4	7	6	.....	13	11	.....
Delhi	B	53	23	30	48	88.49	19	15	10	9	.....	30	23	.....
Delta	B	29	7	22	31	91.69	14	6	5	4	.....	12	17	.....
Denbigh	B	16	9	7	15	94.80	4	4	4	4	.....	9	5	2
Dorchester	B	33	7	26	35	91.54	8	11	8	6	.....	14	16	3
Drayton	A	58	21	37	57	93.16	19	16	8	15	.....	16	42	.....
Dresden	A	129	45	84	126	92.38	47	29	29	6	18	56	58	15
Drumbo	B	28	10	18	27	90.27	10	7	4	7	.....	17	11	.....
Eganville	B	37	12	25	36	94.01	11	14	6	6	.....	32	5	.....
Eganville (R.C.)	A	60	31	29	53	89.11	15	22	8	5	10	43	16	1
Elgin	A	62	24	38	58	88.67	16	16	9	21	.....	23	39	.....
Elmvale	B	52	19	33	47	96.48	20	13	5	14	.....	29	23	.....
Embro	A	50	16	34	52	90.11	16	9	13	11	1	16	34	.....
Ennismore	B	29	6	23	28	92.13	7	4	7	11	.....	8	10	11
Erin	B	42	20	22	37	93.03	13	11	11	7	.....	20	14	8
Fenelon Falls	A	74	29	45	69	94.02	18	17	21	7	11	41	33	.....
Feversham	B	26	12	14	23	90.46	8	7	5	6	.....	11	15	.....
Fingal	B	28	13	15	27	87.48	10	7	5	6	.....	12	16	.....
Fitzroy	B	24	17	7	23	92.04	1	8	10	5	.....	14	10	.....
Flinton	B	19	7	12	17	87.18	10	3	3	3	.....	8	11	.....
Florence	B	39	12	27	40	93.94	14	8	8	9	.....	9	28	2
Fordwich	B	20	8	12	19	90.19	7	4	5	4	.....	8	10	2
Forrester's Falls	B	26	10	16	25	89.77	7	8	2	9	.....	14	12	.....
Frankford	A	66	29	37	70	94.94	27	20	8	5	6	38	14	14
Grand Valley	A	47	14	33	52	96.23	16	5	6	13	7	29	18	.....
Haliburton	B	22	14	8	19	82.78	11	4	......	7	.....	20	2	.....
Hallville	A	49	21	28	45	92.35	13	12	8	9	7	24	12	13
Harrow	A	79	31	48	76	92.92	21	23	12	12	11	33	46	.....
Hensall	B	33	10	23	34	93.62	6	13	9	5	.....	20	13	.....
Hepworth	B	32	16	16	36	91.81	9	9	6	8	.....	12	6	14
Highgate	B	29	15	14	32	89.20	11	9	4	5	.....	14	15	.....
Holstein	B	19	7	12	19	90.61	8	7	2	2	.....	13	6	.....
Honeywood	B	23	10	13	22	84.29	9	5	3	6	.....	12	11	.....

THE CONTINUATION SCHOOLS

TABLE 30—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1936-37

SCHOOLS	Grade	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS		
		May Enrolment	Male	Female	Average Daily Attendance for the Year	Percentage Attendance Efficiency	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	County Pupils	Non-Resident Pupils
(Counties)														
Ilderton	B	56	24	32	54	90.92	26	16	6	8	....	18	38	....
Inglewood	B	35	10	25	31	88.42	15	13	....	7	....	14	21	....
Janetville	C	12	6	6	11	96.03	8	4	....	....	....	3	9	....
Jarvis	B	50	23	27	52	95.66	17	8	17	8	....	23	22	5
Jockvale	C	15	6	9	14	94.29	8	7	....	....	....	9	1	5
Kars	B	37	15	22	37	89.58	12	10	6	9	....	13	24	....
Kenmore	B	27	12	15	25	91.29	8	7	9	3	....	11	16	....
Kinburn	B	45	15	30	44	92.92	13	12	8	12	....	10	35	....
Kinmount	B	35	11	24	26	82.20	12	9	10	4	....	33	1	1
Lambeth	B	41	15	26	40	96.02	11	10	9	11	....	16	25	....
Lanark	B	55	23	32	54	96.31	22	13	7	13	....	26	29	....
Lansdowne	B	32	13	19	37	94.68	11	6	8	7	....	17	15	....
Laurel	C	12	7	5	11	93.24	4	8	....	....	....	5	7	....
Lefroy	B	23	12	11	24	94.02	6	6	9	2	....	6	17	....
Lion's Head	B	31	17	14	29	89.11	13	6	7	5	....	19	12	....
Little Britain	B	38	23	15	37	92.18	17	5	11	5	....	15	23	....
Lobo	B	46	26	20	39	93.53	16	13	11	6	....	10	36	....
Long Branch	A	230	104	126	230	93.48	78	87	34	16	15	111	59	....
Lynden	B	22	9	13	25	88.58	5	6	6	5	....	6	15	1
Lyndhurst	B	24	15	9	24	88.49	8	6	3	7	....	8	16	....
Malakoff	B	9	2	7	8	88.22	3	5	1	....	....	5	4	....
Mallorytown	B	61	17	44	58	86.81	20	16	11	14	....	20	41	....
Manotick	B	53	11	42	54	87.57	17	12	15	9	....	19	34	....
Melbourne	B	35	15	20	33	92.19	5	14	7	9	....	15	20	....
Merlin	A	62	21	41	58	91.49	16	15	12	10	9	24	37	1
Merrickville	B	56	25	31	57	93.53	14	19	14	9	....	26	19	11
Metcalfe	B	52	25	27	46	90.92	19	13	8	12	....	28	24	....
Millbrook	A	69	34	35	68	94.29	14	15	21	11	8	27	42	....
Milverton	A	81	36	45	73	94.02	20	19	15	16	11	47	34	....
Minden	B	23	8	15	13	87.37	8	7	4	4	....	23	....	....
Minesing	B	17	6	11	17	91.85	6	3	3	5	....	10	7	....
Mount Albert	B	34	10	24	37	93.10	11	7	11	5	....	12	12	10
Mount Brydges	B	57	27	30	56	91.01	19	18	9	11	....	20	37	....
Mount Elgin	B	45	20	25	46	92.21	13	11	11	10	....	15	30	....
Mount Pleasant	B	31	11	20	30	89.39	10	10	5	6	....	24	5	2
Navan	B	27	14	13	27	87.49	8	6	4	9	....	22	5	....
New Dundee	B	31	14	17	32	95.96	13	8	6	4	....	9	18	4
New Hamburg	B	63	31	32	63	94.34	22	20	11	10	....	53	8	2
North Augusta	B	27	10	17	25	92.28	15	4	5	3	....	9	14	4
North Gower	B	37	18	19	36	89.63	14	10	4	9	....	19	18	....
Odessa	B	34	13	21	33	87.66	12	11	5	6	....	12	18	4
Oil Springs	B	31	5	26	31	94.92	11	11	7	2	....	23	8	....
Onondaga	C	12	5	7	10	89.51	6	6	....	....	....	9	....	3
Orono	A	58	28	30	54	92.98	17	14	11	8	8	22	36	....
Otterville	B	25	14	11	24	89.10	14	4	5	2	....	14	11	....
Paisley	A	64	21	43	63	92.35	14	17	12	3	18	42	22	....
Pakenham	B	37	11	26	33	93.44	16	10	8	3	....	20	12	5
Palmerston	A	71	29	42	71	93.97	17	25	10	11	8	53	8	10
Pelee Island	B	12	7	5	10	85.53	8	....	2	2	....	12	....	....
Pelham	A	119	51	68	115	95.03	35	42	24	7	11	26	79	14
Pickering	B	48	24	24	47	88.05	13	23	9	3	....	20	28	....
Plattsville	A	50	21	29	48	92.58	12	9	14	6	9	14	32	4
Port Burwell	B	30	8	22	29	89.48	11	8	1	10	....	19	9	2
Preston	A	213	94	119	219	94.87	84	66	42	10	11	185	18	10
Princeton	B	33	14	19	32	92.67	14	10	7	2	....	20	13	....
Richmond	A	77	35	42	74	93.09	24	25	11	13	3	23	54	....
Ripley	A	39	18	21	42	96.39	7	10	9	6	7	22	17	....
Rockwood	B	48	18	30	47	94.30	17	13	9	9	....	25	19	4
Rodney	B	58	25	33	54	90.04	14	15	20	9	....	33	24	1
Russell	A	79	35	44	65	87.79	16	16	25	11	11	54	13	12
St. George	A	60	25	35	59	94.22	22	16	8	7	7	46	7	7
Schomberg	B	47	21	26	43	88.83	16	13	9	9	....	16	17	14
Scotland	B	34	14	20	31	84.87	13	10	6	5	....	15	8	11
Seeley's Bay	B	29	15	14	27	95.81	9	9	7	4	....	17	8	4
Selkirk	B	46	25	21	48	89.92	22	8	8	8	....	14	32	....
Severn Bridge	B	23	9	14	23	93.67	8	7	4	4	....	4	8	11
Singhampton	B	18	6	12	17	91.00	3	4	5	6	....	10	4	4
Southampton	B	46	21	25	46	94.19	13	11	17	5	....	46	....	....
South Mountain	B	47	22	25	48	95.64	14	17	9	7	....	35	10	2
Sparta	B	22	8	14	22	96.57	10	7	3	2	....	9	13	....
Spencerville	A	73	37	36	60	91.16	30	15	14	14	....	27	46	....
Springfield	B	33	16	17	33	94.89	12	7	13	1	....	14	19	....
Stayner	A	74	27	47	71	93.81	19	19	10	15	11	37	37	....
Stella	B	17	4	13	15	87.63	4	3	4	6	....	4	13	....
Stevensville	A	39	14	25	38	96.02	14	9	10	2	4	21	18	....
Stouffville	A	84	38	46	78	91.79	25	26	11	21	1	40	35	9

THE CONTINUATION SCHOOLS

TABLE 30—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1936-37

SCHOOLS	Grade	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS		
		May Enrolment	Male	Female	Average Daily Attendance for the Year	Percentage Attendance Efficiency	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	County Pupils	Non-Resident Pupils
(Counties)														
Sunderland......	B	43	15	28	38	76.43	13	9	9	12	.....	19	......	24
Sutton West.....	A	76	33	43	74	84.20	22	13	16	20	5	49	26	1
Tamworth.......	A	69	35	34	51	89.33	23	9	17	12	8	33	26	10
Tara...........	B	34	12	22	31	96.46	12	11	7	4	.....	13	15	6
Tavistock.......	B	56	23	33	56	94.29	15	16	19	6	.....	37	7	12
Teeswater.......	A	61	27	34	55	90.67	13	15	10	8	15	31	30	.....
Thamesford......	B	57	19	38	56	95.40	21	22	7	7	.....	26	29	2
Thamesville.....	A	70	32	38	71	92.67	34	16	8	12	.....	34	36	.....
Thedford........	B	24	7	17	22	92.50	12	2	6	4	.....	10	13	1
Thornbury......	A	97	41	56	92	93.82	25	26	17	12	17	41	56	.....
Thorndale.......	B	30	15	15	28	92.44	14	10	4	2	.....	16	14	.....
Thornton........	B	29	8	21	26	90.98	11	9	4	5	.....	11	18	...
Tiverton........	B	23	10	13	23	88.16	5	6	10	2	.....	14	9	.....
Tottenham......	B	68	21	47	64	75.84	21	16	15	16	.....	21	41	6
Wales...........	B	38	22	16	36	89.49	11	8	9	10	.....	7	31	.....
Warkworth......	A	48	19	29	54	95.47	15	13	10	6	4	17	31	.....
Wellesley........	B	14	8	6	13	95.07	6	3	3	2	.....	14	......	.....
Wellington.......	A	76	32	44	71	93.11	22	19	16	16	3	61	15	.....
West Lorne......	B	33	11	22	31	92.47	12	7	10	4	.....	26	7	.....
Westmeath......	B	14	7	7	15	87.77	7	1	3	3	.....	14	......	.....
Westport........	B	42	10	32	40	92.85	15	9	7	11	.....	27	11	4
Westport (R.C.)..	B	35	13	22	35	94.19	19	6	3	7	.....	19	11	5
Wheatley........	A	67	27	40	66	91.88	29	18	9	11	.....	37	21	9
Wilberforce......	C	12	8	4	11	89.57	4	3	5	.....	.....	11	1	.....
Wolfe Island.....	C	12	7	5	11	90.79	6	6	......	.....	.....	12	......	.....
Woodville.......	B	56	31	25	54	93.88	20	11	8	17	.....	25	31	.....
Wooler..........	B	40	20	20	34	94.17	13	13	8	6	.....	16	24	.....
Wroxeter........	B	30	8	22	30	94.62	8	7	10	5	.....	10	20	.....
Wyoming........	B	30	12	18	28	93.22	10	8	7	5	.....	13	17	.....
Zurich..........	C	17	5	12	18	94.71	7	10	......	.....	.....	14	3	.....
Totals.......	...	7,967	3,336	4,631	7,649	92.02	2,610	2,154	1,521	1,333	349	4,119	3,442	406
(Districts)														
Blind River......	A	61	27	34	57	93.58	21	14	15	3	8	59	2	.....
Bruce Mines.....	B	37	18	19	35	95.16	13	7	9	8	.....	26	11	.....
Burk's Falls.....	A	51	13	38	47	95.21	12	13	13	9	4	38	13	.....
Coniston........	B	51	25	26	52	97.22	24	17	7	3	.....	51	......	.....
Emo............	B	37	15	22	34	93.63	13	10	7	7	.....	27	10	.....
Espanola........	A	70	24	46	72	94.42	31	15	9	12	3	61	9	.....
Fraserdale.......	C	8	1	7	8	95.28	5	1	......	1	1	7	......	1
Hornepayne.....	B	23	8	15	25	91.73	9	9	4	1	.....	23	......	.....
Little Current....	B	30	14	16	26	90.79	10	7	3	10	.....	29	1	.....
MacTier........	B	34	16	18	32	91.31	10	15	7	2	.....	34	......	.....
Manitowaning...	B	9	2	7	9	90.02	6	......	1	2	.....	6	3	.....
Massey.........	B	22	7	15	21	91.33	6	4	8	4	.....	17	5	.....
Milford Bay.....	B	16	8	8	15	93.13	4	4	2	6	.....	16	......	.....
Mindemoya......	B	27	11	16	29	94.76	8	4	10	5	.....	20	7	.....
Nipigon.........	B	25	12	13	20	82.84	14	5	4	2	.....	25	......	.....
Port Carling.....	B	18	7	11	18	83.51	7	5	3	3	.....	16	2	.....
Powassan........	B	66	24	42	65	83.29	20	20	17	9	.....	35	29	2
Red Lake.......	C	8	4	4	8	91.81	2	3	1	2	.....	8	......	.....
Richard's Landing	B	34	21	13	28	82.54	8	11	7	8	.....	32	2	.....
Schreiber........	A	90	43	47	96	92.98	28	28	17	9	8	89	1	.....
Sioux Lookout...	A	114	46	68	114	88.88	39	27	15	25	8	113	1	.....
Smooth Rock Falls	B	34	20	14	32	93.66	13	9	10	2	.....	27	7	.....
South River.....	B	35	19	16	32	95.17	8	7	7	13	.....	35	......	.....
Sprucedale.......	B	17	6	11	16	87.42	3	6	1	7	.....	14	3	.....
Sundridge.......	B	39	17	22	39	90.62	15	9	8	7	.....	33	6	.....
White River.....	C	12	6	6	11	93.92	4	5	3	.....	.....	12	......	.....
Totals........	...	968	414	554	941	91.30	333	255	188	160	32	853	112	3
Grand Totals..	...	8,935	3,750	5,185	8,590	91.94	2,943	2,409	1,709	1,493	381	4,972	3,554	409
Increase for year..	...	......	.....	.....	......	1.04	.....	......	......	.....	.....	......	......	.....
Decrease for year.	...	529	246	283	361	......	103	97	148	110	71	326	156	47
Percentages....	...	......	41.97	58.03	96.14	......	32.94	26.96	19.13	16.70	4.26	55.65	39.78	4.57

THE CONTINUATION SCHOOLS

TABLE 31—AGE-GRADE DISTRIBUTION, MAY, 1937

		11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 yrs.	20 yrs.	21 yrs. or over	Totals	Grade Totals
GRADE IX	Boys	2	48	261	487	332	156	38	8	1	....	2	1,335	2,943
	Girls	2	61	408	588	384	115	40	6	....	2	2	1,608	
GRADE X	Boys	....	3	52	210	329	244	122	25	7	1	3	996	2,409
	Girls	....	6	79	351	517	302	113	31	8	4	2	1,413	
GRADE XI	Boys	....	....	4	44	185	249	150	39	14	3	3	691	1,709
	Girls	....	....	7	73	301	372	178	61	19	5	2	1,018	
GRADE XII	Boys	....	....	1	1	40	180	175	131	41	9	3	581	1,493
	Girls	....	....	....	7	91	265	277	182	70	15	5	912	
GRADE XIII	Boys	....	....	....	....	1	13	31	48	33	12	9	147	381
	Girls	....	....	....	....	2	22	81	79	29	16	5	234	
TOTALS BY SEXES	Boys	2	51	318	742	887	842	516	251	96	25	20	3,750	....
	Girls	2	67	494	1,019	1,295	1,076	689	359	126	42	16	5,185	
GRAND TOTALS	......	4	118	812	1,761	2,182	1,918	1,205	610	222	67	36	8,935	....

THE CONTINU-

TABLE 32—FINANCIAL

Schools	Average Daily Attendance	Pupil-Days Attended	Expenditures		Legistative Grant	County Grant
			Current	Capital		
(In Counties)						
1 Acton	96	17,977	$5,049	$2,246	$919	$3,012
2 Agincourt	105	19,608	7,421	....	1,034	....
3 Ailsa Craig	49	9,208	3,194	1,162	1,016	1,748
4 Allenford	29	5,560	2,685	655	824	2,061
5 Alton	20	3,651	2,937	567	867	979
6 Alvinston	61	11,177	4,446	914	912	2,920
7 Arkona	19	3,498	1,228	....	216	576
8 Aultsville	17	3,257	2,766	....	849	1,139
9 Ayr	53	10,406	3,390	....	898	....
10 Bath	43	8,361	2,948	....	905	1,880
11 Beachburg	25	5,018	2,930	1,000	768	768
12 Beaverton	98	17,017	5,717	430	978	3,806
13 Beeton	45	8,619	3,339	653	881	1,811
14 Belmont	48	9,155	3,031	....	867	867
15 Bethany	12	2,303	1,276	....	194	....
16 Blackstock	41	7,612	4,674	669	903	3,109
17 Blyth	32	6,126	2,869	876	880	1,195
18 Bobcaygeon	61	9,354	4,453	1,204	955	1,633
19 Bolton	30	5,595	3,259	1,087	872	3,005
20 Bothwell	37	6,991	3,590	422	870	1,716
21 Bowesville	6	1,054	1,190	....	189	14
22 Brooklin	44	8,326	3,339	1,376	913	2,221
23 Brownsville	38	7,100	3,286	....	972	....
24 Brussels	68	13,388	4,506	....	904	2,044
25 Burgessville	22	4,102	3,442	1,604	811	1,809
26 Caledon East	36	6,935	2,968	677	843	1,558
27 Cannington	46	9,022	3,579	637	896	2,383
28 Cardinal	63	12,229	4,773	2,179	863	1,454
29 Carp	77	15,019	5,210	944	895	2,907
30 Castleton	20	4,028	3,086	1,863	905	2,330
31 Chalk River	17	1,906	2,224	....	737	737
32 Chatsworth	30	5,921	3,391	....	898	1,538
33 Claremont	34	6,490	2,879	1,651	823	823
34 Clifford	20	3,690	2,755	784	768	2,184
35 Cobden	23	4,354	1,992	....	200	908
36 Coldwater	46	8,731	3,245	1,341	962	1,720
37 Comber	71	14,003	4,986	1,308	996	2,528
38 Consecon	26	5,053	2,127	....	795	960
39 Cookstown	44	8,128	3,192	....	810	970
40 Cooksville	42	7,997	3,489	1,105	903	764
41 Creemore	51	9,666	4,847	712	916	2,191
42 Cumberland	20	3,784	2,083	458	606	794
43 Delaware	26	5,123	2,781	....	778	2,033
44 Delhi	48	9,014	3,296	....	907	3,035
45 Delta	32	6,123	3,091	....	789	922
46 Denbigh	14	2,611	1,928	116	721	909
47 Dorchester	35	6,521	2,586	1,673	767	767
48 Drayton	60	10,984	6,060	....	1,550	3,898
49 Dresden	107	20,563	6,733	584	898	4,365
50 Drumbo	26	4,779	3,565	....	995	1,209
51 Eganville	31	6,153	3,669	....	937	1,297
52 Eganville (R.C.)	56	10,428	3,899	....	760	1,410
53 Elgin	59	11,557	4,728	1,445	917	2,946
54 Elmvale	40	7,582	3,807	537	912	1,416
55 Embro	61	10,749	4,967	1,994	1,024	4,077
56 Ennismore	29	5,301	2,228	....	681	941
57 Erin	38	6,523	4,189	874	916	2,776

ATION SCHOOLS

STATISTICS, 1936

	Township Grant	Local Levy	Cost of Education per Pupil-Day (cents)						
			Current	Capital	Total	Legislative Share	County Share	Township Share	Local Levy Share
1	....	$2,846	28.08	12.49	40.57	5.11	16.75	....	15.83
2	$6,268	....	37.84	....	37.84	5.27	....	32.48	....
3	....	1,962	34.68	12.61	47.29	11.03	18.98	....	21.31
4	432	....	48.29	11.78	60.07	14.82	37.06	7.77	....
5	800	567	80.44	15.53	95.97	23.74	26.81	21.91	15.52
6	....	1,065	39.79	8.18	47.97	8.16	26.13	....	9.53
7	....	317	35.11	....	35.11	6.17	16.47	....	9.07
8	680	457	84.92	....	84.92	26.07	34.97	20.88	14.03
9	465	1,122	32.58	....	32.58	8.64	....	4.47	10.79
10	....	....	35.26	....	35.26	10.82	22.48	....	....
11	800	....	58.39	19.92	78.31	15.30	15.30	15.94	....
12	....	1,212	33.59	2.53	36.12	5.75	22.36	....	7.12
13	....	1,552	38.74	7.57	46.31	10.22	21.01	....	18.00
14	750	....	33.11	....	33.11	9.48	9.48	8.19	....
15	400	223	55.40	....	55.40	8.42	....	17.37	9.69
16	1,270	....	61.40	8.79	70.19	11.86	40.84	16.68	....
17	....	1,880	46.83	14.30	61.13	14.36	19.51	....	30.69
18	....	2,816	47.60	12.87	60.47	10.21	17.46	....	30.11
19	424	200	58.24	19.42	77.66	15.58	53.70	7.58	3.57
20	....	1,772	51.35	6.03	57.38	12.44	24.54	....	25.34
21	480	401	112.86	....	112.86	17.93	1.37	45.54	38.04
22	800	1,376	40.10	16.52	56.62	10.96	26.69	9.61	16.53
23	775	405	46.28	....	46.28	13.69	....	10.91	5.70
24	....	1,135	33.66	....	33.66	6.75	15.27	....	8.48
25	800	802	83.92	39.12	123.04	19.77	44.11	19.50	19.56
26	800	677	42.80	9.77	52.57	12.16	22.47	11.54	9.77
27	....	1,216	39.66	7.06	46.72	9.93	26.41	....	13.48
28	....	4,360	39.03	17.82	56.85	7.06	11.89	....	35.65
29	1,085	944	34.69	6.28	40.97	5.96	19.35	7.22	6.28
30	1,790	....	76.61	46.25	122.86	22.47	57.84	44.43	....
31	745	....	116.68	....	116.68	38.67	38.67	39.08	....
32	....	712	57.28	....	57.28	15.16	25.98	....	12.03
33	....	2,402	44.36	25.43	69.79	12.68	12.68	....	37.01
34	639	784	74.68	21.26	95.94	20.81	59.19	17.32	21.26
35	....	815	45.76	....	45.76	4.59	20.88	....	18.73
36	....	2,612	37.18	15.37	52.55	11.02	19.71	....	29.91
37	1,050	1,828	35.61	9.34	44.95	7.12	18.05	7.50	13.06
38	451	....	42.10	....	42.10	15.74	19.00	8.93	....
39	1,163	666	39.28	....	39.28	9.97	11.94	14.31	8.20
40	750	1,105	43.63	13.82	57.45	11.29	9.56	9.38	13.82
41	....	1,486	50.14	7.37	57.51	9.48	22.67	....	22.75
42	185	674	55.05	12.10	67.15	16.01	20.98	4.89	17.81
43	800	....	54.28	....	54.28	15.18	39.70	15.62	....
44	....	....	36.57	....	36.57	10.06	33.67	....	....
45	712	725	50.48	4.47	50.48	12.89	15.06	11.63	11.84
46	....	....	73.84	25.66	78.31	27.63	34.82	....	....
47	775	1,673	39.66	....	65.32	11.77	11.77	11.88	25.66
48	....	227	55.17	2.84	55.17	14.13	35.49	....	2.07
49	....	2,747	32.74	....	35.58	4.37	21.23	....	13.36
50	800	393	74.60	....	74.60	20.82	27.14	16.74	8.22
51	....	1,037	59.63	....	59.63	15.23	21.00	....	16.80
52	....	766	37.39	....	37.39	7.29	13.52	....	7.35
53	120	....	40.91	12.50	53.41	7.94	25.50	1.04	....
54	750	537	50.21	7.09	57.30	12.03	18.68	9.89	7.09
55	....	6,254	46.22	18.55	64.77	9.53	37.93	....	58.18
56	1,000	....	42.03	....	42.03	12.85	17.75	18.86	....
57	....	3,463	64.22	13.39	77.61	14.05	42.57	....	53.10

THE CONTINU-

TABLE 32—FINANCIAL

Schools	Average Daily Attendance	Pupil-Days Attended	Expenditures		Legistative Grant	County Grant
			Current	Capital		
(In Counties)						
58 Fenelon Falls	78	13,935	$7,028	$3,054	$921	....
59 Feversham	21	4,190	2,377	547	727	$1,499
60 Fingal	26	5,027	2,466	....	746	1,358
61 Fitzroy	29	5,670	2,910	....	840	1,318
62 Flinton	14	2,687	1,852	....	533	985
63 Florence	36	6,854	3,403	....	1,045	2,245
64 Fordwich	20	3,734	2,840	722	850	2,025
65 Forester's Falls	29	5,563	2,060	....	574	980
66 Frankford	92	13,012	5,030	2,064	917	3,171
67 Grand Valley	52	9,751	4,429	....	904	2,194
68 Haliburton	19	3,673	2,367	772	1,400	....
69 Hallville	42	7,951	5,667	1,461	1,476	1,621
70 Harrow	70	13,670	5,564	1,604	918	3,467
71 Hensall	35	6,629	3,178	....	876	2,381
72 Hepworth	44	8,191	2,767	1,107	774	1,913
73 Highgate	30	5,999	3,242	963	839	1,884
74 Holstein	21	4,035	2,857	585	874	1,511
75 Honeywood	23	4,267	2,800	840	792	1,374
76 Ilderton	45	8,703	3,463	....	968	915
77 Inglewood	30	5,713	2,788	932	641	1,821
78 Jarvis	49	9,285	3,697	....	772	2,219
79 Jockvale	14	2,603	1,131	....	*152	62
80 Kars	122	7,712	2,707	....	813	713
81 Kenmore	29	5,473	3,162	....	874	874
82 Kinburn	44	7,724	4,040	....	894	2,536
83 Kinmount	29	5,308	1,525	....	510	510
84 Lambeth	38	7,419	3,222	....	786	2,745
85 Lanark	57	11,033	2,977	....	896	282
86 Lansdowne	42	7,792	3,060	....	840	1,354
87 Laurel	11	2,132	1,067	633	*127	821
88 Lefroy	29	5,627	3,018	401	832	1,984
89 Lion's Head	29	5,759	2,379	682	755	1,887
90 Little Britain	37	7,097	3,191	1,805	863	2,209
91 Lobo	41	7,761	3,918	....	973	2,344
92 Long Branch	242	46,571	13,768	4,472	914	8,386
93 Lynden	26	5,098	3,165	963	932	875
94 Lyndhurst	27	4,975	3,359	....	913	1,572
95 Malakoff	9	1,603	1,850	....	519	519
96 Mallorytown	49	9,125	3,952	1,307	915	2,791
97 Manotick	52	10,086	3,299	979	855	3,240
98 Melbourne	38	7,038	3,378	....	912	2,283
99 Merlin	60	10,629	4,461	....	883	2,846
100 Merrickville	59	10,854	3,700	573	1,000	2,588
101 Metcalfe	43	8,236	2,864	....	839	839
102 Millbrook	68	12,740	4,993	2,587	918	4,699
103 Milverton	68	13,128	5,610	2,236	921	238
104 Minden	20	3,611	1,714	....	945	....
105 Minesing	17	3,285	1,823	....	550	550
106 Mount Albert	40	7,607	4,181	1,629	1,094	3,609
107 Mount Brydges	52	10,237	3,145	....	805	773
108 Mount Elgin	41	7,690	3,733	1,616	902	1,867
109 Mount Pleasant	31	6,025	3,631	1,827	934	3,102
110 Navan	37	6,031	3,062	363	790	984
111 New Dundee	32	6,291	3,084	1,003	889	....
112 New Hamburg	66	12,163	3,474	435	945	905
113 North Augusta	21	3,824	2,580	225	715	1,076
114 North Gower	38	7,659	2,585	....	781	781

ATION SCHOOLS

STATISTICS, 1936

	Township Grant	Local Levy	Cost of Education per Pupil-Day (cents)						
			Current	Capital	Total	Legislative Share	County Share	Township Share	Local Levy Share
58	....	$5,386	50.43	21.92	72.35	6.61	....	....	38.65
59	$800	....	56.74	13.08	69.82	17.35	35.78	19.09	....
60	800	....	49.07	....	49.07	14.84	27.02	15.91	....
61	750	....	51.32	....	51.32	14.81	23.25	13.23	....
62	....	120	68.92	....	68.92	19.84	36.66	....	4.47
63	....	....	49.65	....	49.65	15.25	32.75	....	....
64	800	144	76.06	19.34	95.40	22.76	54.23	21.42	3.86
65	640	....	37.03	....	37.03	10.32	17.62	11.50	....
66	....	2,564	38.66	15.86	54.52	7.05	24.37	....	19.71
67	....	1,529	45.42	....	45.42	9.27	22.50	....	15.68
68	525	847	64.44	21.02	85.46	38.12	....	14.29	23.09
69	960	2,956	71.27	18.38	89.65	18.56	20.39	12.07	37.18
70	....	2,704	40.70	11.73	52.43	6.72	25.36	....	19.78
71	....	188	47.94	....	47.94	13.21	35.92	....	2.84
72	....	....	33.78	13.52	47.30	9.45	23.36	....	....
73	561	247	54.04	16.05	70.09	13.99	31.41	9.35	4.12
74	800	585	70.81	14.50	85.31	21.66	37.46	19.83	14.51
75	775	840	65.62	19.69	85.31	18.56	32.20	18.16	19.69
76	800	....	39.79	....	39.79	11.12	10.52	9.19	....
77	640	932	48.80	16.31	65.11	11.22	31.87	11.20	16.31
78	....	1,248	39.82	....	39.82	8.31	23.90	....	13.44
79	450	297	43.43	....	43.43	5.83	2.39	17.29	11.41
80	800	....	35.11	....	35.11	10.55	9.25	10.37	....
81	1,127	....	57.77	....	57.77	15.97	15.97	20.59	....
82	800	....	52.30	....	52.30	11.57	32.83	10.36	....
83	492	....	28.73	....	28.73	9.61	9.61	9.27	....
84	800	....	43.43	....	43.43	10.59	37.00	10.78	....
85	....	300	26.98	....	26.98	8.12	2.56	....	2.72
86	680	....	39.27	....	39.27	10.78	17.43	8.73	....
87	450	183	50.03	29.69	79.72	5.95	38.46	21.11	8.58
88	800	401	53.63	7.13	60.76	14.79	35.26	14.22	7.13
89	....	677	41.31	11.84	53.15	13.11	32.77	....	11.76
90	800	1,118	44.97	25.44	70.41	12.17	31.13	11.27	15.75
91	750	....	50.48	....	50.48	12.54	30.20	9.66	....
92	....	8,918	29.56	9.60	39.16	1.96	18.01	....	19.15
93	....	963	62.08	18.90	80.98	18.29	17.17	....	18.90
94	637	....	67.52	....	67.52	18.35	31.60	12.80	....
95	506	....	115.38	....	115.38	32.41	32.41	31.57	....
96	....	1,307	43.31	14.32	57.63	10.03	30.59	....	14.32
97	806	979	32.71	9.71	42.42	8.48	32.12	7.99	9.71
98	800	....	48.00	....	48.00	12.96	32.44	11.37	....
99	1,120	....	41.97	....	41.97	8.31	26.78	10.54	....
100	....	754	34.09	5.28	39.37	9.21	23.84	....	6.95
101	800	....	34.77	....	34.77	10.19	10.19	9.71	....
102	....	1,463	39.19	20.31	59.50	7.21	36.88	....	11.48
103	....	3,849	42.73	17.03	59.76	7.02	1.81	....	29.32
104	150	810	47.47	....	47.47	26.17	....	4.15	22.44
105	720	....	55.49	....	55.49	16.74	16.74	21.92	....
106	1,000	331	54.96	21.41	56.37	14.38	47.44	13.15	4.35
107	800	436	30.73	....	30.73	7.86	7.55	7.81	4.26
108	800	1,616	48.54	21.01	69.55	11.73	24.28	10.40	21.01
109	800	....	60.27	30.32	90.59	15.51	51.50	13.28	....
110	866	763	50.77	6.02	56.79	13.10	16.32	14.36	12.65
111	775	1,003	49.03	15.94	64.97	14.13	....	12.32	15.94
112	....	2,627	28.56	3.58	32.14	7.77	7.44	....	21.60
113	680	234	67.47	5.90	73.37	18.70	28.14	17.78	6.12
114	750	836	33.76	....	33.76	10.20	10.21	9.79	10.93

THE CONTINU-

TABLE 32—FINANCIAL

Schools	Average Daily Attendance	Pupil-Days Attended	Expenditures		Legistative Grant	County Grant
			Current	Capital		
(*In Counties*)						
115 Odessa	40	7,373	$3,539	....	$905	$1,698
116 Oil Springs	34	6,278	2,965	....	840	680
117 Orono	60	11,190	5,661	$1,138	1,008	3,424
118 Otterville	24	4,523	2,921	1,339	831	1,765
119 Paisley	70	13,612	5,226	....	916	3,069
120 Pakenham	34	6,245	2,878	....	865	1,343
121 Palmerston	67	13,103	5,178	....	900	1,574
122 Pelee Island	10	1,772	2,045	407	532	....
123 Pelham	115	22,260	14,797	3,852	1,064	921
124 Pickering	46	8,941	3,590	1,488	912	2,206
125 Plattsville	44	8,206	4,803	....	914	....
126 Port Burwell	28	5,404	3,724	1,304	915	1,823
127 Preston	230	43,291	13,932	6,473	895	895
128 Princeton	80	16,654	3,740	....	1,064	1,382
129 Richmond	61	11,904	4,644	1,250	897	3,991
130 Ripley	49	8,783	4,781	430	906	3,112
131 Rockwood	47	8,631	3,308	1,548	908	1,951
132 Rodney	50	9,272	3,604	....	911	1,151
133 Russell	65	12,782	4,678	....	893	1,592
134 St. George	61	11,443	6,056	1,626	1,115	2,412
135 Schomberg	43	8,322	3,591	....	824	1,913
136 Scotland	35	6,473	3,176	1,156	889	4,390
137 Seely's Bay	28	5,452	3,072	962	817	2,183
138 Selkirk	43	8,115	2,947	591	775	1,594
139 Severn Bridge	22	4,356	2,961	181	850	850
140 Singhampton	18	3,397	2,301	435	575	976
141 Southampton	43	7,887	3,586	225	985	2,274
142 South Mountain	50	9,344	3,559	284	910	1,717
143 Sparta	20	3,891	3,381	405	941	2,536
144 Spencerville	61	11,423	4,775	....	881	2,220
145 Springfield	35	6,555	2,845	1,799	831	2,033
146 Stayner	70	13,111	5,150	2,304	914	3,821
147 Stella	17	3,325	1,632	....	478	....
148 Stevensville	38	7,224	5,470	2,006	915	3,479
149 Stouffville	73	14,281	5,626	1,799	912	5,054
150 Sunderland	88	8,271	3,094	....	894	1,387
151 Sutton West	79	15,668	5,552	3,233	922	5,462
152 Tamworth	51	10,025	5,919	....	945	3,854
153 Tara	36	6,779	3,574	....	792	1,979
154 Tavistock	54	10,517	3,385	....	908	1,377
155 Teeswater	63	11,613	6,672	1,126	1,047	4,738
156 Thamesford	51	9,919	3,503	1,311	950	1,986
157 Thamesville	83	11,007	5,406	1,045	910	3,454
158 Thedford	20	3,691	2,965	1,203	739	2,216
159 Thornbury	93	17,056	6,824	....	915	3,573
160 Thorndale	27	5,274	3,017	....	810	1,308
161 Thornton	31	5,697	3,037	650	908	1,596
162 Tilbury	84	15,671	5,517	....	977	3,033
163 Tiverton	25	4,742	2,627	....	765	1,914
164 Tottenham	71	13,632	3,150	....	824	1,586
165 Wales	41	7,551	2,969	398	875	1,835
166 Warkworth	55	10,423	4,884	....	902	2,983
167 Wellesley	15	2,840	2,041	173	607	607
168 Wellington	71	12,410	5,826	2,752	923	3,473
169 West Lorne	36	7,122	2,817	....	862	862
170 Westmeath	15	2,975	2,208	....	655	262
171 Westport	40	7,875	2,772	....	900	....

ATION SCHOOLS

STATISTICS, 1936

	Township Grant	Local Levy	Cost of Education per Pupil-Day (cents)						
			Current	Capital	Total	Legislative Share	County Share	Township Share	Local Levy Share
115	$800	....	48.00	....	48.00	12.27	23.03	10.85	....
116	248	$640	47.23	....	47.23	13.38	10.83	3.95	10.19
117	1,120	2,084	50.59	10.17	60.76	9.01	30.60	10.01	18.62
118	800	1,339	64.58	29.60	94.18	18.38	39.04	17.69	29.60
119	....	1,770	38.40	....	38.40	6.73	22.55	....	13.01
120	800	....	46.08	....	46.08	13.85	21.51	12.81	....
121	....	2,702	39.52	....	39.52	6.87	12.01	....	20.62
122	640	886	115.44	23.00	138.44	30.02	....	36.12	50.01
123	1,120	1,527	66.47	17.30	83.77	4.78	4.14	5.03	6.86
124	800	1,488	40.15	16.64	56.79	10.20	24.67	8.95	16.64
125	1,120	600	58.53	....	58.53	11.14	....	13.65	7.31
126	800	1,484	68.92	24.14	93.06	16.94	33.74	14.80	27.46
127	....	17,399	32.18	14.95	47.13	2.07	2.07	....	40.19
128	800	....	22.46	....	22.46	6.39	8.30	4.80	....
129	....	1,790	39.01	10.50	49.51	7.54	33.53	....	15.03
130	....	1,430	54.43	4.90	59.33	10.32	35.43	....	16.28
131	750	1,203	38.33	17.94	56.27	10.52	22.60	8.69	13.94
132	445	1,000	38.87	....	38.87	9.83	12.41	4.80	10.79
133	....	1,000	36.60	....	36.60	6.99	12.45	....	7.82
134	1,120	1,626	52.93	14.21	67.14	9.75	21.08	9.79	14.21
135	800	....	43.15	....	43.15	9.90	22.99	9.61	....
136	750	307	49.06	17.87	66.93	13.74	67.83	11.59	4.75
137	1,275	963	56.35	17.66	74.01	15.00	40.05	23.39	17.66
138	800	591	36.32	7.29	42.61	10.27	19.64	9.86	7.29
139	....	982	67.98	4.16	72.14	19.53	19.53	....	22.53
140	600	799	67.74	12.81	80.55	16.93	28.73	17.66	23.52
141	....	657	45.47	2.85	48.32	12.49	28.83	....	8.33
142	680	284	38.09	3.04	41.13	9.74	18.38	7.28	3.04
143	200	405	86.90	10.41	97.31	24.20	65.20	5.14	10.41
144	960	500	41.80	....	41.80	7.71	19.43	8.40	4.38
145	....	1,799	43.40	27.44	70.84	12.68	31.01	....	27.44
146	....	2,304	39.28	17.58	56.86	6.97	29.14	....	17.58
147	1,464	....	49.08	....	49.08	14.38	....	44.03	....
148	1,400	700	75.73	27.77	103.50	12.66	48.16	19.38	9.69
149	....	1,799	39.40	12.60	62.00	6.39	35.39	....	12.60
150	800	....	37.41	....	37.41	10.81	16.77	9.67	....
151	....	2,118	35.44	20.63	56.07	5.88	34.86	....	13.52
152	800	600	59.04	....	59.04	9.43	38.44	7.98	5.99
153	....	211	52.72	....	52.72	11.68	29.20	....	3.11
154	....	1,000	32.19	....	32.19	8.63	13.09	....	9.51
155	....	1,505	57.45	9.70	67.15	9.02	40.80	....	12.96
156	800	1,311	35.32	13.22	48.54	9.58	20.12	8.07	13.22
157	....	1,545	49.11	9.49	58.60	8.27	31.38	....	14.04
158	550	1,203	80.33	32.59	112.92	20.02	60.04	14.93	32.59
159	....	2,324	40.01	....	40.01	5.36	20.95	....	13.63
160	880	....	57.21	....	57.21	15.36	24.80	16.69	....
161	750	650	53.31	11.41	64.72	15.94	28.01	13.16	11.41
162	119	1,357	35.21	....	35.21	6.23	19.35	.76	8.66
163	....	....	55.40	....	55.40	16.13	40.36	....	....
164	....	638	23.11	....	23.11	6.04	11.63	....	4.68
165	680	....	39.32	5.27	44.59	11.59	24.30	9.01	....
166	1,120	....	46.86	....	46.86	8.65	28.62	11.24	....
167	320	406	71.87	6.09	77.96	21.39	21.39	11.28	14.33
168	....	3,859	46.96	22.18	69.14	7.44	27.99	....	31.12
169	....	1,440	39.55	....	39.55	12.13	12.13	....	20.21
170	768	....	74.23	....	74.23	22.02	8.81	25.81	....
171	....	1,871	35.20	....	35.20	11.43	....	....	23.76

THE CONTINU-

TABLE 32—FINANCIAL

Schools	Average Daily Attendance	Pupil-Days Attended	Expenditures		Legislative Grant	County Grant
			Current	Capital		
(In Counties)						
172 Westport (R.C.)...	35	6,571	$2,990	....	$881	$914
173 Wheatley.........	60	11,736	6,104	....	1,499	4,748
174 Wilberforce.......	11	2,095	1,485	....	1,043	....
175 Wolfe Island......	9	1,727	1,481	....	166	609
176 Woodville........	43	8,870	3,395	$1,568	1,025	2,249
177 Wooler...........	40	6,941	3,417	....	763	4,369
178 Wroxeter.........	30	5,587	2,467	....	734	1,196
179 Wyoming.........	33	6,456	2,564	524	656	1,827
180 Zurich...........	20	3,679	1,252	....	190	124
Totals and Averages	8,111	1,501,148	665,967	121,119	152,013	330,338
(In Districts)						
1 Blind River.......	55	10,660	5,106	(in default)	1,848	....
2 Bruce Mines......	35	5,896	2,883	605	1,650	....
3 Burk's Falls......	56	10,601	4,361	....	1,873	....
4 Coniston.........	54	9,971	5,778	....	1,820	....
5 Emo.............	22	4,034	3,127	260	1,827	....
6 Espanola.........	67	12,486	5,592	....	1,836	....
7 Fraserdale........	7	1,280	2,224	....	*333	....
8 Hornepayne......	22	4,365	3,223	....	1,771	....
9 Little Current.....	26	5,126	3,133	....	1,705	....
10 MacTier.........	36	7,029	2,671	943	1,303	....
11 Manitowaning....	12	2,370	1,958	....	1,249	....
12 Massey..........	27	5,084	2,583	....	1,458	....
13 Milford Bay......	15	2,929	2,323	464	1,397	....
14 Mindemoya.......	26	5,050	2,885	823	1,689	....
15 Nipigon..........	16	3,115	2,738	205	1,309	....
16 Port Carling......	23	4,319	2,522	....	1,219	....
17 Powassan........	65	12,244	3,680	1,307	1,900	....
18 Richard's Landing.	27	5,117	1,831	....	1,082	....
19 Red Lake	7	1,207	1,569	....	*288	....
20 Schreiber........	86	16,130	6,401	2,752	1,824	....
21 Sioux Lookout....	112	20,608	5,471	....	2,252	....
22 Smooth Rock Falls.	27	5,111	5,667	....	1,813	....
23 South River......	33	5,898	2,572	538	1,621	....
24 Sprucedale........	18	3,534	1,501	....	978	....
25 Sundridge........	42	7,737	2,984	....	1,859	....
26 White River......	14	2,531	1,533	....	....	....
Totals and Averages	930	174,432	86,416	7,897	37,904	....
Grand Totals and Averages...	9,041	1,675,580	752,383	129,016	189,917	330,338
Increases for the year..	....	....	....	9,975	15,153	....
Decreases for the year..	822	100,403	3,452	....	....	7,482

*Legislative Grant not received till 1937.

ATION SCHOOLS

STATISTICS, 1936

	Township Grant	Local Levy	Cost of Education per Pupil-Day (cents)						
			Current	Capital	Total	Legislative Share	County Share	Township Share	Local Levy Share
172	....	$650	45.50	....	45.50	13.41	13.92	....	9.89
173	....	2,615	52.01	....	52.01	12.78	40.46	....	22.29
174	$127	....	70.89	....	70.89	49.80	....	6.09	....
175	320	....	85.76	....	85.76	9.61	35.29	18.53	....
176	353	1,157	38.28	17.68	55.96	11.56	25.36	3.98	13.04
177	1,354	....	49.23	....	49.23	11.00	62.94	19.51	....
178	799	....	44.16	....	44.16	13.14	21.41	14.32	....
179	....	1,000	39.73	8.13	47.86	10.18	28.32	....	15.49
180	480	450	34.04	....	34.04	5.18	3.36	13.05	12.23
	88,981	190,336	44.36	8.07	52.43	10.13	21.01	5.93	12.68
1	3,900	....	47.90	....	47.90	17.34	....	36.59	....
2	....	1,676	48.89	10.27	59.16	28.00	....	....	28.43
3	....	2,509	41.14	....	41.14	18.67	....	....	23.67
4	....	4,106	57.95	....	57.95	18.25	....	....	41.18
5	300	1,100	77.52	6.45	83.97	45.29	....	7.44	27.27
6	....	3,400	44.79	....	44.79	14.70	....	....	27.23
7	....	....	173.73	....	173.73	26.02	....	....	....
8	1,446	....	73.84	....	73.84	40.57	....	33.13	....
9	....	800	61.12	....	61.12	33.26	....	....	15.61
10	300	2,016	38.00	13.42	51.42	18.54	....	4.27	28.68
11	200	500	82.62	....	82.62	52.70	....	8.44	21.10
12	....	1,661	50.81	....	50.81	28.68	....	....	32.67
13	266	927	79.31	15.84	95.15	47.70	....	9.08	31.65
14	250	1,923	57.13	16.30	73.43	33.45	....	4.95	38.08
15	....	1,626	87.90	6.58	94.48	42.02	....	....	52.20
16	1,340	....	58.39	....	58.39	28.22	....	31.03	....
17	....	2,462	30.06	10.67	40.73	15.52	....	....	20.11
18	400	319	35.78	....	35.78	21.15	....	7.82	6.23
19	....	....	130.02	....	130.02	23.86	....	....	....
20	4,445	2,752	39.68	17.06	56.74	11.31	....	27.56	17.06
21	....	3,100	26.55	....	26.55	10.93	....	....	15.04
22	....	4,035	110.88	....	110.88	35.47	....	....	78.95
23	....	1,484	43.61	9.12	52.73	27.49	....	....	25.16
24	957	....	42.47	....	42.47	27.67	....	27.08	....
25	....	1,157	38.57	....	38.57	24.03	....	....	14.95
26	....	1,138	60.57	....	60.57	....	....	....	44.95
	13,804	38,691	49.54	4.53	54.07	21.73	....	7.91	12.18
	102,785	229,027	44.90	7.70	52.60	11.33	19.71	6.13	13.67
	18,072	20,769	2.35	.96	3.31	1.49	.69	1.37	1.94
	....	....	....	....	....	....	....	....	....

THE COLLEGIATE INSTITUTES AND HIGH SCHOOLS

TABLE 33—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1936-37

COLLEGIATE INSTITUTES	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS		
Counties	May Enrolment	Male	Female	Average Daily Attendance for the Year	Percentage Attendance Efficiency	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	County Pupils	Non-Resident Pupils
Barrie	538	246	292	503	93.49	199	116	87	71	65	371	166	1
Belleville	567	282	285	500	93.94	187	107	110	83	80	430	115	22
Brantford	796	372	424	821	95.65	242	196	162	101	95	634	133	29
Brockville	478	226	252	473	95.47	183	73	109	53	60	393	85	.....
Chatham	511	267	244	482	91.76	152	116	113	89	41	359	152	.....
Clinton	154	68	86	156	95.87	43	30	26	25	30	71	82	1
Cobourg	319	145	174	297	94.43	75	68	91	56	29	227	92	.....
Collingwood	286	135	151	295	95.03	96	66	60	34	30	236	39	11
Cornwall	495	275	220	475	96.12	170	120	91	67	47	306	178	11
Galt	314	147	167	322	94.39	86	61	69	72	26	236	52	26
Goderich	213	91	122	214	93.72	73	62	36	23	19	158	55	.....
Guelph	608	314	294	549	94.77	177	153	108	91	79	422	173	13
Hamilton—Central	1,028	544	484	986	95.92	275	255	230	156	112	1,009	19	.....
Delta	837	412	425	830	96.10	272	194	148	116	107	825	.....	12
Westdale	772	382	390	752	94.13	204	186	170	120	92	744	28	.....
Ingersoll	266	104	162	261	86.73	103	78	37	25	23	222	32	12
Kingston	872	433	439	809	94.39	232	208	210	120	102	738	132	2
Kitchener-Waterloo	557	279	278	555	96.49	.....	176	201	93	87	517	39	1
Lindsay	420	196	224	406	95.32	130	81	91	62	56	291	99	30
London—Central	1,010	478	532	938	94.65	236	252	230	178	114	864	146	.....
Sir A. Beck	609	305	304	603	94.76	160	160	151	89	49	527	79	3
South	643	313	330	626	92.16	164	153	136	107	83	559	83	1
Morrisburg	141	60	81	140	92.89	33	41	18	19	30	68	73	.....
Napanee	208	90	118	192	94.24	54	48	35	33	38	93	111	4
Niagara Falls	454	212	242	434	96.41	161	107	98	63	25	450	1	3
Orillia	474	194	280	477	93.29	159	118	104	58	35	368	67	39
Oshawa	556	269	287	596	95.66	196	124	136	70	30	484	63	9
Ottawa—Glebe	1,618	821	797	1,592	95.04	455	359	338	280	186	1,600	13	5
Lisgar	1,038	527	511	1,016	93.69	251	229	238	189	131	941	89	8
Owen Sound	404	200	204	344	94.44	102	89	79	57	77	316	78	10
Pembroke	258	127	131	232	95.49	83	52	70	27	26	227	30	1
Perth	275	134	141	256	97.18	75	78	54	41	27	145	122	8
Peterborough	499	249	250	468	97.36	122	124	118	64	71	394	90	15
Picton	145	61	84	145	96.10	42	29	22	26	26	65	80	.....
Renfrew	282	124	158	259	92.90	51	90	58	42	41	159	123	.....
St. Catharines	901	424	477	921	95.11	372	183	125	145	76	749	151	1
St. Mary's	334	144	190	331	93.89	106	61	84	43	40	198	77	59
St. Thomas	651	307	344	643	93.61	164	152	154	107	74	477	165	9
Sarnia	655	325	330	642	94.46	222	162	117	104	50	512	141	2
Scarborough	301	180	121	303	94.38	116	65	55	32	33	288	7	6
Seaforth	138	53	85	134	89.56	43	27	23	19	26	69	66	3
Smith's Falls	442	202	240	434	94.71	141	111	94	61	35	344	52	46
Stamford	438	176	262	390	96.52	116	96	115	68	43	250	75	113
Stratford	768	424	344	787	96.61	265	180	115	111	97	697	64	7
Strathroy	183	73	110	182	94.59	58	44	35	20	26	92	87	4
Toronto—Bloor	658	420	238	635	94.90	191	166	140	95	66	658	.....	.....
Harbord	1,203	759	444	1,147	96.06	334	263	273	184	149	1,200	.....	3
Humberside	1,300	645	655	1,230	95.07	318	314	249	247	172	1,296	3	1
Jarvis	969	502	467	893	94.38	229	226	230	172	112	951	18	.....
Lawrence Park	628	315	313	642	95.21	264	224	140	.....	.....	613	15	.....
Malvern	987	534	453	953	93.32	262	230	222	173	100	987	.....	.....
North	1,231	627	604	1,115	92.83	236	290	264	274	167	1,189	42	.....
Oakwood	1,045	582	463	1,019	95.12	257	236	207	218	127	1,039	5	1
Parkdale	915	514	401	832	95.04	226	203	227	159	100	914	1	.....
Riverdale	1,079	630	449	966	93.75	291	256	255	174	103	1,079	.....	.....
Vankleek Hill	175	61	114	174	94.43	38	34	42	32	29	38	90	47
Windsor—Kennedy	913	462	451	921	97.25	267	232	214	130	70	843	70	.....
Patterson	924	419	505	906	96.56	301	258	165	145	55	918	6	....
Walkerville	761	387	374	765	96.89	242	188	182	90	59	647	114	.....
Sandwich	431	199	232	429	96.56	145	112	89	56	29	411	20	.....
Woodstock	438	201	237	436	89.21	130	106	102	64	36	334	103	1
York Twp.—													
Runnymede	746	400	346	697	94.59	191	175	202	109	69	570	174	2
Vaughan Rd.	931	525	406	917	94.63	277	224	195	138	97	837	93	1
Memorial	429	271	158	427	95.01	167	106	78	53	25	423	6	.....
York E. Twp.—													
York East	849	484	365	806	93.80	347	249	116	89	48	840	9	.....
York N. Twp.—													
York North	272	143	129	289	95.23	113	66	44	32	17	198	74	.....
Totals	10,340	20,470	19,870	38,970	94.67	11,672	9,638	8,587	6,144	4,299	35,110	4,647	583
Districts													
Fort William	726	351	375	704	96.54	241	169	160	78	78	666	60	.....
North Bay	457	212	245	393	94.27	129	116	89	70	53	406	24	27
Port Arthur	369	162	207	352	94.91	.....	112	132	70	55	369	....	.....
Sault Ste Marie	762	372	390	725	92.51	216	181	169	113	83	680	77	5
Totals	2,314	1,097	1,217	2,174	94.47	586	578	550	331	269	2,121	161	32
Totals, All Collegiate Institutes	42,654	21,567	21,087	41,144	94.66	12,258	10,216	9,137	6,475	4,568	37,231	4,808	615

THE COLLEGIATE INSTITUTES AND HIGH SCHOOLS

TABLE 33—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1936-37

HIGH SCHOOLS	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS		
	May Enrolment	Male	Female	Average Daily Attendance for the Year	Percentage Attendance Efficiency	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	County Pupils	Non-Resident Pupils
Counties													
Alexandria.......	127	46	81	130	93.43	46	29	26	14	12	118	8	1
Alliston.........	145	60	85	132	91.50	45	26	29	15	30	52	88	5
Almonte........	118	50	68	123	95.95	30	31	35	8	14	83	28	7
Amherstburg.....	131	51	80	129	91.18	43	30	24	23	11	74	57	.....
Arnprior........	281	120	161	293	90.31	102	67	54	34	24	204	56	21
Arthur..........	124	40	84	127	86.08	35	22	26	23	18	48	75	1
Athens..........	89	32	57	83	91.16	32	18	18	10	11	26	63	.....
Aurora..........	171	74	97	165	94.00	37	46	34	27	27	76	95	.....
Avonmore.......	71	43	28	65	92.53	17	20	......	19	15	51	7	13
Aylmer..........	162	48	114	162	96.91	49	30	35	26	22	70	92	.....
Bancroft........	61	25	36	58	89.31	18	17	14	12	.....	48	13	.....
Beamsville.......	150	59	91	138	92.02	36	31	32	32	19	41	109	.....
Blenheim........	174	67	107	173	95.16	43	61	34	21	15	68	105	1
Bowmanville.....	274	111	163	269	87.52	85	65	43	33	48	198	76	.....
Bradford........	111	51	60	110	95.88	30	22	29	16	14	38	71	2
Brampton.......	300	111	189	312	96.09	108	67	67	29	29	161	128	11
Brighton........	109	38	71	97	94.84	38	24	18	17	12	60	48	1
Burford.........	88	36	52	82	93.85	36	16	16	8	12	88	......	.....
Burlington.......	281	129	152	280	94.30	106	62	57	37	19	141	106	34
Caledonia.......	173	78	95	181	97.71	59	43	23	27	21	56	77	40
Campbellford....	184	80	104	184	94.30	50	44	36	32	22	97	84	3
Carleton Place...	208	89	119	208	94.65	65	47	53	25	18	134	58	16
Cayuga........	97	30	67	99	96.40	26	29	16	10	16	34	63	.....
Chesley.........	120	58	62	121	96.72	32	27	31	18	12	65	40	15
Chesterville......	132	44	88	132	94.65	36	25	34	15	22	57	62	13
Colborne.......	107	35	72	107	93.53	30	27	12	16	22	47	60	.....
Deseronto.......	85	35	50	85	95.36	30	22	12	9	12	48	30	7
Dundalk........	89	39	50	92	87.96	19	20	24	9	17	36	43	10
Dundas.........	269	109	160	279	94.13	103	73	53	29	11	169	100	.....
Dunnville.......	207	91	116	214	95.87	67	59	38	24	19	118	79	10
Durham........	99	42	57	96	93.78	31	29	18	8	13	69	30	.....
Dutton.........	118	41	77	118	92.04	22	24	20	21	31	38	79	1
Elmira..........	129	59	70	134	94.31	57	25	23	14	10	79	37	13
Elora...........	65	25	40	63	94.92	34	13	12	6	.....	40	23	2
Embrun.........	77	30	47	74	95.42	12	16	15	18	16	56	14	7
Essex...........	229	85	144	224	92.46	82	58	50	26	13	106	123	.....
Etobicoke.......	278	142	136	263	94.03	93	72	57	35	21	265	3	10
Exeter..........	154	68	86	144	95.92	41	40	37	23	13	71	78	5
Fergus..........	204	83	121	200	93.11	47	63	31	29	34	126	72	6
Finch...........	94	36	58	92	95.48	27	21	23	8	15	20	74	.....
Flesherton.......	77	46	31	75	90.30	20	14	17	10	16	71	6	.....
Forest..........	120	50	70	116	92.67	32	30	23	17	18	68	51	1
Fort Erie........	274	118	156	234	95.52	129	56	45	28	16	254	20	.....
Gananoque......	164	57	107	165	94.20	67	35	24	20	18	120	32	12
Georgetown......	121	39	82	126	93.94	48	21	25	11	16	78	33	10
Glencoe.........	127	50	77	125	95.72	30	29	32	24	12	41	74	12
Grimsby........	163	60	103	156	93.92	43	41	46	26	7	92	71	.....
Hagersville......	154	69	85	158	94.20	40	37	39	21	17	73	76	5
Hanover........	152	63	89	137	87.32	51	52	18	16	15	97	32	23
Harriston.......	79	33	46	81	96.22	24	21	15	9	10	48	28	3
Havelock........	74	26	48	73	92.44	18	21	13	8	14	58	14	2
Hawkesbury (Eng.)	83	37	46	77	93.86	30	21	12	12	8	53	18	12
(Fr.)	134	69	65	129	97.61	52	29	26	27	.....	121	10	3
Iroquois.........	111	55	56	112	95.49	30	26	19	13	23	46	65	.....
Kemptville......	131	54	77	135	92.18	45	22	23	17	24	49	68	14
Kincardine......	137	55	82	149	94.56	53	26	25	18	15	80	55	2
Kingsville.......	185	94	91	156	97.72	70	47	35	15	18	122	63	.....
Lakefield........	97	43	54	91	93.19	26	32	15	10	14	56	39	2

THE COLLEGIATE INSTITUTES AND HIGH SCHOOLS

TABLE 33—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1936-37

HIGH SCHOOLS	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS		
	May Enrolment	Male	Female	Average Daily Attendance for the Year	Percentage Attendance Efficiency	Grade IX	Grade X	Grad XI	Grade XII	Grade XIII	Resident Pupils	County Pupils	Non-Resident Pupils
Counties													
Leamington	304	140	164	300	91.86	100	86	59	33	26	198	97	9
Listowel	214	74	140	214	94.23	68	42	47	30	27	91	102	21
Lucan	80	34	46	69	93.75	31	20	14	9	6	32	48	.....
Lucknow	101	36	65	95	92.72	19	23	21	17	21	45	16	40
Madoc	116	48	68	192	91.77	40	24	22	22	8	67	49	.....
Markdale	67	32	35	58	95.74	13	18	12	14	10	67	......	.....
Markham	182	77	105	179	88.65	49	38	40	18	37	54	104	24
Marmora	100	51	49	100	92.23	36	25	13	15	11	44	55	1
Maxville	116	51	65	107	92.65	25	16	25	33	17	31	36	49
Meaford	173	80	93	175	96.27	64	41	32	15	21	123	50	.....
Merritton	141	72	69	147	95.14	44	49	36	8	4	108	33	.....
Midland	352	158	194	374	93.88	126	101	62	33	30	289	57	6
Milton	149	63	86	149	92.59	50	36	20	27	16	71	78	.....
Mimico	749	391	358	765	96.01	310	207	127	63	42	384	365	.....
Mitchell	140	58	82	138	96.60	34	28	27	26	25	58	82	.....
Morewood	34	19	15	29	87.28	12	7	7	4	4	14	13	7
Mt. Forest	111	40	71	111	97.40	39	25	13	18	16	68	21	22
Nepean	474	200	274	441	93.96	154	110	109	50	51	427	46	1
Newburgh	60	30	30	56	93.88	20	13	14	9	4	13	46	1
Newcastle	44	21	23	33	80.10	19	13	6	6	.....	27	16	1
Newmarket	251	113	138	262	95.69	81	68	47	35	20	139	105	7
Niagara	73	28	45	76	92.87	19	25	15	9	5	54	19	.....
Norwich	132	63	69	128	93.23	29	40	24	27	12	53	69	10
Norwood	99	43	56	96	95.84	21	26	19	17	16	37	56	6
Oakville	250	103	147	252	95.27	74	79	33	44	20	150	100	.....
Omemee	48	18	30	48	94.27	20	14	4	10	.....	22	20	6
Orangeville	155	73	82	151	94.62	43	19	35	28	30	94	47	14
Paris	220	100	120	224	94.05	70	59	38	26	27	161	53	6
Parkhill	102	37	65	99	93.11	37	19	16	16	14	39	51	12
Penetanguishene	152	62	90	149	92.23	53	36	38	25	.....	136	16	.....
Petrolia	192	82	110	180	87.71	56	43	38	28	27	109	82	1
Plantagenet	109	36	73	110	95.50	22	20	30	27	10	69	38	2
Port Colborne	276	112	164	278	96.04	108	70	57	25	16	187	89	.....
Port Credit	348	133	215	334	91.79	125	96	52	40	35	83	265	.....
Port Dover	75	34	41	78	93.48	30	23	11	11	.....	51	23	1
Port Elgin	86	29	57	86	92.95	23	17	13	17	16	42	44	.....
Port Hope	224	96	128	221	95.44	73	66	45	18	22	168	52	4
Port Perry	129	61	68	125	95.50	35	34	17	23	20	64	61	4
Port Rowan	27	8	19	24	88.21	11	6	6	4	.....	14	13	.....
Prescott	171	77	94	181	94.26	65	33	38	22	13	126	45	.....
Richmond Hill	189	87	102	172	93.34	65	53	28	22	21	66	123	.....
Ridgetown	149	60	89	148	95.12	33	32	34	26	24	80	69	.....
Ridgeway	117	48	69	114	92.90	34	32	22	22	7	86	31	.....
Rockland	99	41	58	95	91.45	21	22	32	24	.....	69	30	.....
Saltfleet	177	93	84	191	92.39	76	48	25	18	10	153	24	.....
Shelburne	150	70	80	129	94.04	26	37	37	30	20	75	74	1
Simcoe	284	116	168	268	94.10	83	60	59	46	36	165	117	2
Smithville	91	42	49	91	93.69	28	26	12	10	15	59	32	.....
Stirling	100	44	56	102	95.79	22	27	21	14	16	43	57	.....
Streetsville	56	24	32	51	92.81	20	12	13	11	.....	20	30	6
Sydenham	136	63	73	134	95.65	33	20	33	25	25	133	......	3
Thorold	287	131	156	299	94.07	118	92	27	29	21	249	34	4
Tilbury	97	49	48	100	93.94	35	24	23	6	9	52	32	13
Tillsonburg	255	98	157	258	94.92	89	55	49	25	37	143	51	61
Trenton	252	101	151	243	97.45	85	56	47	38	26	202	21	29
Tweed	126	52	74	123	92.48	33	31	27	18	17	54	71	1
Uxbridge	102	43	59	101	95.11	24	22	21	20	15	50	51	1
Vienna	33	14	19	30	92.67	17	6	8	2	.....	30	2	1

THE COLLEGIATE INSTITUTES AND HIGH SCHOOLS

TABLE 33—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1936-37

HIGH SCHOOLS	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS		
	May Enrolment	Male	Female	Average Daily Attendance for the Year	Percentage Attendance Efficiency	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	County Pupils	Non-Resident Pupils
Counties													
Walkerton.......	115	50	65	111	93.23	41	24	26	11	13	64	50	1
Wallaceburg.....	225	94	131	236	92.93	69	56	50	30	19	154	49	22
Wardsville.......	21	8	13	21	91.23	6	5	7	3	.....	6	11	4
Waterdown......	154	68	86	171	95.93	46	32	33	20	23	128	14	12
Waterford.......	123	49	74	117	93.97	42	25	27	17	12	37	83	3
Watford.........	117	53	64	115	94.96	31	24	23	16	23	41	70	6
Welland.........	367	190	177	357	94.75	105	98	79	47	38	256	111	.....
Weston.........	355	178	177	338	94.45	103	93	78	42	39	224	121	10
Whitby	181	72	109	185	95.06	58	39	32	20	32	122	59	.....
Wiarton.........	115	36	79	104	93.37	39	30	18	15	13	78	19	18
Williamstown....	115	47	68	110	93.44	32	26	29	17	11	113	2	.....
Winchester......	143	60	83	136	94.79	44	33	22	21	24	56	61	26
Wingham........	137	40	97	143	96.68	41	24	41	16	15	69	66	2
Totals........	20,162	8,612	11,550	19,960	93.91	6,454	4,900	3,926	2,671	2,211	11,989	7,336	837
Districts													
Bracebridge......	176	74	102	173	94.47	52	41	34	18	31	100	76	.....
Capreol.........	99	53	46	96	94.43	40	21	25	10	3	85	14	.....
Chapleau........	143	61	82	137	92.80	59	30	31	12	11	134	6	3
Cobalt..........	160	72	88	161	93.22	61	29	35	20	15	125	35	.....
Cochrane........	157	66	91	160	95.54	61	38	26	21	11	133	24	.....
Dryden.........	93	27	66	90	92.23	36	17	15	8	17	75	18	.....
Englehart.......	62	23	39	57	91.87	18	21	13	8	2	60	2	.....
Fort Frances.....	204	92	112	200	91.25	......	58	93	32	21	171	33	.....
Gore Bay........	64	24	40	62	96.43	17	17	12	10	8	48	16	.....
Gravenhurst.....	65	31	34	67	89.45	28	15	13	4	5	50	13	2
Haileybury......	77	22	55	73	93.49	32	12	14	10	9	62	15	.....
Huntsville.......	117	50	67	126	91.91	36	25	28	17	11	84	33	.....
Iroquois Falls....	99	42	57	105	97.03	47	21	21	10	.....	40	59	.....
Kapuskasing.....	144	61	83	143	96.03	55	34	34	13	8	124	18	2
Keewatin........	80	35	45	72	93.94	35	21	16	8	.....	77	3	.....
Kenora..........	355	159	196	345	96.02	117	99	57	59	23	335	18	2
Kirkland Lake...	265	152	113	265	92.67	109	66	49	29	12	265	......	.....
Mattawa........	54	28	26	52	95.51	14	18	11	4	7	49	4	1
New Liskeard....	196	63	133	175	82.24	41	51	60	23	21	118	70	8
Parry Sound.....	204	72	132	199	80.16	54	42	54	31	23	179	22	3
Rainy River.....	112	52	60	106	94.26	34	20	31	20	7	102	10	.....
Sturgeon Falls. .	224	120	104	219	88.39	75	53	46	29	21	147	66	11
Sudbury.........	342	143	199	326	93.61	......	103	116	83	40	245	83	14
Thessalon.......	114	50	64	113	93.48	39	24	25	10	16	82	32	.....
Timmins........	438	194	244	425	94.85	162	119	80	44	33	426	......	12
Tisdale Twp.—													
So. Porcupine .	100	43	57	101	95.29	39	31	20	10	.....	83	17	.....
Schumacher....	128	69	59	125	96.10	41	30	20	16	21	128	......	.....
Totals........	4,272	1,878	2,394	4,173	92.37	1,302	1,056	979	559	376	3,527	687	58
Totals all High Schools	24,434	10,490	13,944	24,133	93.64	7,756	5,956	4,905	3,230	2,587	15,516	8,023	895
Grand Totals....	67,088	32,057	35,031	65,277	94.28	20,014	16,172	14,042	9,705	7,155	52,747	12,831	1,510
Increases for year.	......	......	42	......	.77	512	......	516	.....	.....	......	......	.....
Decreases for year	811	853	......	514	......	......	703	......	329	807	732	68	11
Percentages......	......	47.78	52.22	97.30	......	29.83	24.11	20.93	14.47	10.66	78.62	19.13	2.25

THE COLLEGIATE INSTITUTES

TABLE 34—FINANCIAL STATISTICS,

Collegiate Institutes	Average Daily Attendance	Pupil-Days Attended	Expenditures		Legislative Grant	County Grant
			Current	Capital		
(In Counties)			$	$	$	$
1 Barrie	504	94,391	34,697	11,752	2,019	16,006
2 Belleville	156	88,672	43,793	....	1,960	....
3 Brantford	939	156,094	61,061	11,495	3,173	....
4 Brockville	538	107,097	47,589	26,078	2,440	10,493
5 Chatham	510	100,589	45,733	....	1,719	9,885
6 Clinton	156	28,660	13,474	2,515	1,974	9,504
7 Cobourg	301	58,996	29,075	1,524	2,013	14,530
8 Collingwood	281	53,195	25,045	8,587	1,979	7,982
9 Cornwall	449	88,129	31,355	7,775	2,004	27,781
10 Galt	352	64,561	39,840	7,821	1,981	7,138
11 Goderich	241	44,069	21,267	3,991	1,943	8,743
12 Guelph	569	104,765	49,804	21,663	1,773	....
13 Hamilton (3)	2,578	481,826	260,778	94,177	8,123	....
14 Ingersoll	247	48,130	23,239	....	2,200	2,105
15 Kingston	808	147,185	68,392	5,573	1,850	....
16 Kitchener	542	105,235	43,488	10,749	1,073	....
17 Lindsay	409	77,333	34,322	5,393	2,045	14,166
18 London (3)	2,262	407,190	239,872	84,033	6,385	....
19 Morrisburg	157	29,821	15,177	4,553	1,924	10,199
20 Napanee	185	36,531	20,384	2,482	2,093	13,696
21 Niagara Falls	409	79,472	37,657	5,353	1,914	259
22 Orillia	490	95,169	32,979	5,496	2,185	13,656
23 Oshawa	392	73,989	53,036	30,873	2,041	....
24 Ottawa (2)	2,602	473,673	284,312	74,190	4,005	....
25 Owen Sound (1937)	371	69,925	35,609	....	1,951	6,227
26 Pembroke	222	43,598	18,380	(in default)	2,015	6,728
27 Perth	217	53,142	19,690	3,191	2,014	11,704
28 Peterborough	96	89,460	52,951	4,706	2,046	....
29 Picton	143	27,705	12,907	1,991	2,020	6,505
30 Renfrew	263	48,185	22,195	6,610	2,079	22,508
31 St.Catharines	655	123,317	68,725	21,159	1,943	14,554
32 St. Mary's	333	60,886	22,349	3,896	1,871	....
33 St. Thomas	652	120,119	55,541	3,839	1,863	15,874
34 Sarnia	632	115,192	55,937	21,773	1,974	13,777
35 Scarborough	297	57,879	28,681	(in default)	1,650	11,666
36 Seaforth	137	25,424	14,082	....	1,581	8,775
37 Smith's Falls	443	82,852	34,459	4,553	1,942	6,216
38 Stamford	367	71,567	36,317	7,844	2,103	20,334
39 Stratford	798	148,883	57,487	11,986	2,644	5,047
40 Strathroy	205	34,714	17,811	2,602	3,490	12,042
41 Toronto (10)	9,816	1,800,477	1,238,447	323,362	20,096	....
42 Vankleek Hill	172	31,668	16,472	1,036	1,777	12,794
43 Windsor (4)	3,211	602,807	294,370	2,893	9,387	7,763
44 Woodstock	443	81,906	39,732	3,603	2,157	9,632
45 York Twp. (3)	2,080	389,476	165,567	55,885	6,074	113,871
46 York North	280	52,269	25,393	6,040	1,975	13,911
47 York East	119	149,332	63,106	(in default)	2,123	23,063
Totals and Averages	37,803	7,281,241	3,935,360	910,149	135,943	501,371
(In Districts)						
1 Fort William	702	132,739	68,610	35,445	7,642	....
2 North Bay	395	74,668	31,207	8,375	4,749	....
3 Port Arthur	350	68,474	41,711	10,244	4,014	....
4 Sault Ste. Marie	773	143,216	54,337	24,300	7,991	....
Totals and Averages	2,220	419,097	195,865	78,364	24,396	....
All Collegiate Institutes	40,023	7,700,338	4,131,225	988,513	160,339	501,371

AND HIGH SCHOOLS

DAY SCHOOLS, 1936

	Local Levy (Current and Capital)	Cost of Education per Pupil-Day (Cents)						Debenture Debt
		Current	Capital	Total	Legislative Share	County Share	Local Levy Share	
	$							$
1	27,893	36.76	12.45	49.21	2.14	16.96	29.55	116,678
2	33,781	49.39	....	49.39	2.21	....	38.10	....
3	56,393	39.12	7.36	46.48	2.03	....	36.13	*314,980
4	60,079	44.43	24.34	68.77	2.28	9.80	56.09	220,476
5	32,372	45.46	....	45.46	1.71	9.83	32.18	....
6	4,000	47.01	8.77	55.78	6.89	33.16	13.96	86,000
7	14,513	49.28	2.58	51.86	3.41	24.63	24.60	14,321
8	23,133	47.09	16.14	63.23	3.72	15.00	43.49	104,313
9	7,775	35.58	8.82	44.40	2.27	31.52	8.82	*84,813
10	35,181	61.71	12.11	73.82	3.06	11.05	54.49	13,693
11	15,213	48.26	9.06	57.32	4.40	19.84	34.53	44,880
12	58,270	47.54	20.68	68.22	1.69	....	55.62	*428,650
13	331,845	54.12	19.54	73.66	1.68	....	68.87	769,421
14	19,535	48.28	....	48.28	4.57	4.37	40.58	....
15	61,881	46.47	3.79	50.26	1.25	....	42.04	70,700
16	48,303	41.32	10.21	51.53	1.02	....	45.90	125,626
17	22,207	44.38	6.97	51.35	2.64	18.32	28.71	48,515
18	281,428	58.91	20.64	79.55	1.56	....	69.11	561,014
19	6,561	50.89	15.27	66.16	6.45	34.20	22.00	53,931
20	6,388	55.80	6.79	62.59	5.73	37.49	17.48	*41,500
21	39,768	47.38	6.73	54.11	2.41	.32	50.04	106,338
22	20,806	34.65	5.77	40.42	2.29	14.35	21.86	55,739
23	67,608	71.68	41.73	113.40	2.76	....	91.37	*407,955
24	335,157	60.02	15.66	75.68	.85	....	70.75	862,923
25	24,000	50.93	....	50.93	2.79	8.91	34.32	....
26	9,734	42.16	....	....	4.62	15.43	22.32	214,175
27	10,967	37.05	6.00	43.05	3.79	22.02	20.64	22,222
28	49,506	59.19	5.26	64.45	2.29	....	55.33	37,038
29	5,410	46.59	7.19	53.78	7.29	23.48	19.53	2,419
30	1,029	46.06	13.72	59.78	4.31	46.71	2.14	104,831
31	63,302	55.73	17.16	72.89	1.58	11.80	51.33	358,333
32	17,296	36.70	6.40	43.10	3.07	....	28.41	46,178
33	40,681	46.24	3.19	49.43	1.55	13.22	33.87	20,428
34	59,643	48.56	18.90	67.46	1.71	11.96	51.78	67,942
35	14,455	49.55	....	....	2.85	20.15	24.97	262,028
36	3,683	55.39	....	55.39	6.21	34.51	14.48	....
37	31,054	41.59	5.49	47.08	2.34	7.50	37.48	....
38	11,081	50.74	10.96	61.70	2.94	28.41	15.48	78,889
39	62,692	38.61	8.05	46.66	1.78	3.39	42.10	102,154
40	6,500	51.31	7.49	58.80	10.05	34.69	18.72	18,214
41	1,575,050	68.78	17.96	86.74	1.12	....	87.48	4,306,879
42	3,000	52.01	3.27	55.28	5.61	40.40	9.47	3,108
43	245,168	48.83	.48	49.31	1.56	1.28	40.67	1,964,971
44	31,406	48.51	4.40	52.91	2.63	11.76	38.34	35,800
45	116,385	42.51	14.35	56.86	1.56	29.23	29.88	1,061,035
46	16,700	48.58	11.55	60.13	3.78	26.61	31.95	209,713
47	32,301	42.26	....	....	1.42	15.44	21.63	186,015
	4,028,041	54.05	12.50	66.55	1.87	6.89	55.32	13,624,980
1	97,047	51.69	26.70	78.39	5.76	....	73.11	484,250
2	33,391	41.79	11.22	53.01	6.36	....	44.72	71,175
3	48,684	60.91	14.96	75.87	5.86	....	71.10	32,659
4	70,600	37.94	16.97	54.91	5.58	....	49.30	287,500
	249,722	46.74	18.70	65.44	5.82	....	59.59	875,584
	4,277,763	53.65	12.84	66.49	2.08	6.51	55.55	14,500,564

THE COLLEGIATE INSTITUTES

TABLE 34—FINANCIAL STATISTICS,

High Schools	Average Daily Attendance	Pupil-Days Attended	Expenditures		Legislative Grant	County Grant
			Current	Capital		
(In Counties)			$	$	$	$
1 Alexandria	137	25,114	10,673	....	1,407	756
2 Alliston	122	26,239	10,315	1,720	1,513	7,078
3 Almonte	142	23,739	13,068	5,583	1,894	6,573
4 Amherstburg	119	23,245	11,693	8,033	1,723	9,074
5 Arnprior	305	57,214	21,535	3,992	1,828	13,130
6 Arthur	129	23,752	8,825	885	1,278	5,888
7 Athens	91	13,617	9,129	3,473	1,664	6,153
8 Aurora	170	31,368	16,965	7,293	1,880	15,621
9 Avonmore	74	13,402	7,630	....	1,245	4,482
10 Aylmer	150	29,084	13,938	225	1,644	8,495
11 Bancroft	54	10,470	2,377	....	682	811
12 Beamsville	191	37,956	14,368	7,934	1,925	1,215
13 Blenheim	168	32,417	13,539	4,674	1,795	11,679
14 Bowmanville	264	49,179	24,034	7,447	2,128	14,231
15 Bradford	103	19,639	8,933	3,784	1,403	1,403
16 Brampton	323	61,256	29,151	7,392	1,914	22,151
17 Brighton	89	17,494	7,593	1,307	1,372	5,112
18 Burford	72	13,400	9,653	5,268	1,584	6,454
19 Burlington	296	55,721	27,050	11,170	2,065	15,512
20 Caledonia	179	35,112	16,258	10,986	1,893	9,156
21 Campbellford	180	34,587	20,091	8,462	1,894	13,697
22 Carleton Place	205	38,278	19,380	8,256	1,906	10,725
23 Cayuga	98	19,223	9,917	6,103	1,583	7,076
24 Chesley	121	23,750	11,868	....	1,495	5,224
25 Chesterville	130	24,418	7,919	307	1,172	5,237
26 Colborne	94	18,787	7,945	3,446	1,356	12,862
27 Deseronto	81	15,840	6,482	....	1,170	2,564
28 Dundalk	85	17,034	7,804	325	1,127	4,742
29 Dundas	270	52,502	18,239	9,219	1,932	3,527
30 Dunnville	210	39,628	20,637	1,842	1,802	10,308
31 Durham	97	18,852	10,821	3,179	1,732	4,609
32 Dutton	114	22,367	10,634	3,708	1,643	8,109
33 Elmira	136	24,628	12,605	240	2,239	3,717
34 Elora	57	10,430	6,388	497	1,075	3,447
35 Embrun	74	13,441	4,645	....	1,337	2,380
36 Essex	212	39,654	12,983	(in default)	1,885	7,239
37 Exeter	143	27,108	10,807	882	1,389	5,995
38 Etobicoke	251	49,051	27,597	8,252	1,921	19,495
39 Fergus	198	38,717	17,669	6,505	1,912	11,172
40 Finch	93	17,433	8,874	....	1,263	6,265
41 Flesherton	77	15,108	7,923	....	1,310	4,172
42 Forest	113	21,851	11,206	3,209	1,597	5,877
43 Fort Erie	194	36,631	20,246	(in default)	1,888	12,850
44 Gananoque	170	33,109	16,338	....	1,701	3,334
45 Georgetown	118	23,295	12,675	1,260	1,630	6,624
46 Glencoe	122	22,359	10,012	....	1,299	5,736
47 Grimsby	150	28,847	14,044	7,483	2,105	10,801
48 Hagersville	153	28,722	13,612	3,049	1,905	7,436
49 Hanover	127	24,581	14,664	4,816	1,773	6,197
50 Harriston	80	14,885	7,742	....	1,306	3,464
51 Hawkesbury (E. F.)	200	37,628	20,529	....	2,610	3,916
52 Iroquois	124	23,215	11,362	2,007	1,697	8,289
53 Kemptville	133	26,219	13,649	....	3,821	13,056
54 Kincardine	148	26,603	13,382	89	1,795	6,051
55 Kingsville	167	27,177	12,064	(in default)	1,685	5,221
56 Lakefield	95	17,411	10,234	....	1,331	4,748
57 Leamington	309	57,735	18,135	2,473	1,925	9,512
58 Listowel	196	38,507	14,778	1,376	2,297	7,962
59 Lucan	63	12,357	8,679	....	1,293	4,971

AND HIGH SCHOOLS

DAY SCHOOLS, 1936

	Local Levy (Current and Capital)	Cost of Education per Pupil-Day (Cents)						Debenture Debt
		Current	Capital	Total	Legislative Share	County Share	Local Levy Share	
	$							$
1	4,975	42.49	....	42.50	5.60	3.01	19.81	....
2	3,670	39.31	6.55	45.86	5.76	26.97	13.98	11,000
3	10,137	55.05	23.52	78.57	7.98	27.69	42.70	70,954
4	8,344	50.30	34.55	84.85	7.41	39.03	35.89	37,010
5	12,492	37.64	6.98	44.62	3.19	22.95	21.83	46,517
6	2,626	37.15	3.73	40.88	5.38	24.78	11.05	1,062
7	3,473	67.04	25.51	92.55	12.22	45.19	25.51	33,634
8	6,822	54.08	23.24	77.32	5.99	49.80	21.75	82,021
9	2,080	56.93	....	56.93	9.29	33.44	15.52	....
10	5,007	47.92	.77	48.69	5.65	29.21	15.97	1,086
11	878	22.70	....	22.70	6.51	7.74	8.38	....
12	4,986	37.85	20.90	58.75	5.07	3.20	13.14	*60,456
13	4,673	41.76	14.42	56.18	5.54	36.02	14.41	36,136
14	15,720	48.87	15.14	64.01	4.32	28.94	31.96	86,206
15	4,913	45.48	19.27	64.75	7.15	7.15	25.01	41,111
16	14,391	47.59	12.06	59.65	3.12	36.16	23.49	68,025
17	2,308	43.40	7.47	50.87	7.84	29.22	13.19	8,895
18	6,377	72.03	39.31	111.34	11.82	48.16	47.58	44,500
19	18,170	48.55	20.04	68.59	3.70	27.83	32.61	120,967
20	7,221	46.30	31.29	77.59	5.39	26.08	20.57	40,176
21	8,462	58.08	24.46	82.54	5.47	39.50	24.46	84,537
22	17,106	50.63	21.57	72.20	4.98	28.02	44.69	87,933
23	7,227	51.58	31.75	83.33	8.23	36.81	37.59	36,617
24	4,200	49.97	....	49.97	6.29	22.00	17.68	....
25	....	32.43	1.26	33.69	4.80	21.45	....	....
26	625	42.29	18.34	60.63	7.22	68.46	3.33	17,148
27	3,000	40.92	....	40.92	7.39	16.19	18.94	....
28	2,025	45.81	1.91	47.72	6.61	27.83	11.89	1,300
29	13,719	34.74	17.55	52.29	3.67	6.72	26.13	86,674
30	10,842	52.08	4.65	56.73	4.55	26.01	27.36	8,021
31	7,379	57.40	16.86	74.26	9.19	24.45	39.14	19,799
32	4,442	47.54	16.58	64.12	7.34	36.25	19.86	47,539
33	6,740	51.18	.97	52.15	9.09	15.09	27.37	....
34	2,351	61.24	4.76	66.00	10.30	33.05	22.54	3,595
35	1,998	34.56	....	34.56	9.95	17.71	14.87	....
36	3,932	32.74	....	....	4.75	18.25	9.91	79,857
37	3,382	39.87	3.25	43.12	5.12	22.11	12.48	8,291
38	13,171	56.26	16.82	73.08	3.92	39.74	26.85	116,227
39	9,505	45.64	16.80	62.44	4.94	28.85	24.55	86,959
40	1,569	50.90	....	50.90	7.24	35.93	9.00	....
41	2,308	52.44	....	52.44	8.67	27.61	15.28	....
42	7,709	51.28	14.68	65.96	7.30	26.89	35.28	28,448
53	16,233	55.27	....	....	5.15	35.08	44.31	140,554
44	12,150	49.34	....	49.34	5.14	10.07	36.70	....
45	5,089	54.41	5.41	59.82	7.00	28.43	21.84	6,760
46	2,494	44.77	....	44.77	5.80	25.65	11.15	....
47	8,461	48.68	25.94	74.62	7.30	37.44	29.33	83,683
48	6,849	47.39	10.62	58.01	6.63	25.89	23.85	30,600
49	11,816	59.65	19.59	79.24	7.21	25.21	48.07	52,839
50	2,395	52.01	....	52.01	8.77	23.27	16.09	....
51	12,331	54.56	....	54.56	6.93	10.41	32.77	....
52	3,507	48.94	8.64	57.58	7.30	35.70	15.10	5,466
53	5,929	52.06	....	52.06	14.58	49.80	22.61	21,500
54	5,308	50.30	.33	50.63	6.75	22.74	19.95	2,500
55	5,159	44.39	....	....	6.20	19.21	18.98	47,870
56	4,276	58.78	....	58.78	7.64	27.27	24.55	....
57	9,218	31.41	4.28	35.69	3.33	16.47	15.96	41,218
58	5,876	38.38	3.57	41.95	5.97	20.68	15.26	11,135
59	2,450	70.23	....	70.23	10.46	40.23	19.82	....

THE COLLEGIATE INSTITUTES

TABLE 34—FINANCIAL STATISTICS,

High Schools	Average Daily Attendance	Pupil-Days Attended	Expenditures		Legislative Grant	County Grant
			Current	Capital		
(In Counties)			$	$	$	$
60 Lucknow	105	19,861	6,349	906	1,078	3,575
61 Madoc	89	20,040	9,240	2,820	1,499	5,602
62 Markdale	86	10,955	7,310	....	1,203	5,068
63 Markham	156	30,811	14,090	2,072	1,687	10,044
64 Marmora	95	18,656	7558	590	1,012	3,550
65 Maxville	107	19,574	8,192	1,331	1,167	6,342
66 Meaford	155	30,572	15,714	3,531	1,961	6,838
67 Merritton	135	24,857	11,074	6,072	1,741	1,441
68 Midland	389	73,978	25,135	(in default)	1,953	9,852
69 Milton	148	28,943	13,362	7,117	1,737	....
70 Mimico	735	138,994	44,846	16,308	1,914	43,838
71 Mitchell	134	25,191	11,252	....	1,745	7,660
72 Morewood	34	6,172	5,151	....	1,073	2,365
73 Mount Forest	111	21,118	9,560	....	1,328	3,545
74 Nepean	463	85,241	30,821	15,064	1,942	13,580
75 Newburgh	61	11,729	7,232	....	1,287	5,515
76 Newcastle	35	6,568	4,116	....	843	1,998
77 Newmarket	262	51,007	27,358	9,820	2,001	24,260
78 Niagara	78	14,775	9,700	861	1,527	4,090
79 Norwich	120	23,276	11,869	2,833	1,645	7,394
80 Norwood	104	19,155	11,115	....	1,429	7,591
81 Oakville			No Records	Available		
82 Omemee	43	8,358	3,395	149	742	1,229
83 Orangeville	142	27,345	14,025	460	1,740	5,263
84 Paris	228	41,912	19,555	2,786	1,983	12,866
85 Parkhill	91	16,969	7,730	....	1,390	4,213
86 Penetanguishene	143	27,094	9,320	1,496	1,467	....
87 Petrolia	185	36,504	17,172	8,706	1,980	10,355
88 Plantagenet	115	20,786	8,043	2,006	1,428	4,566
89 Port Colborne	270	53,025	25,789	12,255	1,863	17,705
90 Port Credit	327	61,169	25,522	13,073	1,913	29,861
91 Port Dover	74	14,350	6,029	5,113	1,112	3,520
92 Port Elgin	93	16,824	8,850	....	1,301	4,819
93 Port Hope	267	50,492	23,524	2,439	1,872	14,069
94 Port Perry	143	24,671	13,468	3,008	3,302	7,538
95 Port Rowan	24	4,509	3,847	....	801	2,228
96 Prescott	184	34,570	15,538	6,783	1,833	4,514
97 Richmond Hill	159	30,904	17,581	7,034	1,858	18,327
98 Ridgetown	72	13,198	15,439	....	1,804	7,876
99 Ridgeway	119	23,319	12,382	7,537	1,912	9,389
100 Rockland	111	20,039	7,130	....	1,197	3,098
101 Saltfleet	185	36,093	14,651	6,419	1,762	6,730
102 Shelburne	134	25,256	9,800	2,732	1,680	5,216
103 Simcoe	259	48,702	26,871	7,661	1,875	24,255
104 Smithville	96	17,105	8,199	1,924	1,364	4,234
105 Stirling	97	18,962	11,572	1,251	1,708	7,402
106 Streetsville	70	11,697	6,789	....	1,073	3,607
107 Sydenham	138	25,286	10,172	....	1,413	8,725
108 Thorold	296	54,729	20,707	(in default)	1,946	10,551
109 Tillsonburg	236	44,174	18,163	2,613	1,878	1,592
110 Trenton	255	47,990	20,884	4,231	1,956	3,203
111 Tweed	133	24,823	9,983	3,138	1,619	6,530
112 Uxbridge	120	22,735	9,825	6,330	1,757	8,605
113 Vienna	29	5,458	3,492	....	791	1,808
114 Walkerton	111	21,803	13,915	....	1,525	6,647
115 Wardsville	76	4,239	2,619	....	707	707
116 Waterdown	124	31,567	16,154	4,293	2,033	6,501
117 Waterford	128	24,516	11,685	1,765	1,578	9,325
118 Watford	114	20,995	9,794	3,209	1,821	6,057

AND HIGH SCHOOLS

DAY SCHOOLS, 1936

	Local Levy (Current and Capital)	Cost of Education per Pupil-Day (Cents)						Debenture Debt
		Current	Capital	Total	Legislative Share	County Share	Local Levy Share	
	$							$
60	2,760	31.97	4.56	36.53	5.42	18.00	13.90	1,500
61	2,820	46.10	14.07	60.17	7.48	27.95	14.07	29,277
62	2,000	66.73	....	66.73	10.98	46.26	18.26	....
63	2,228	45.73	6.72	52.45	5.47	32.60	7.23	6,965
64	4,479	40.51	3.16	43.67	5.42	19.03	24.01	2,359
65	2,831	41.85	6.80	48.65	5.97	32.40	14.46	10,327
66	12,031	51.40	11.55	62.95	6.42	22.37	39.35	31,503
67	9,895	44.55	24.42	68.97	7.00	5.80	39.81	70,415
68	13,185	33.98	....	....	2.64	13.32	17.82	112,828
69	7,117	46.17	24.59	70.76	6.00	....	24.59	....
70	16,759	32.26	11.73	43.99	1.38	31.54	12.06	226,775
71	2,975	44.67	....	44.67	6.93	30.41	11.81	....
72	2,517	83.45	....	83.45	17.38	38.32	40.78	....
73	4,400	45.27	....	45.27	6.29	16.78	20.83	....
74	31,564	36.16	17.67	53.83	2.27	15.93	37.03	158,070
75	500	61.66	....	61.66	10.97	47.02	4.26	....
76	1,274	62.67	....	62.67	12.83	30.42	19.40	....
77	9,820	53.63	19.25	72.88	3.92	47.56	19.25	59,500
78	6,458	65.65	5.83	71.48	10.34	27.68	43.71	5,896
79	5,630	51.00	12.17	63.17	7.07	31.76	24.19	24,362
80	1,500	58.02	....	58.02	7.46	39.62	7.83	....
81	....	....	....	....	....	....	....	....
82	1,596	40.62	1.78	42.40	8.87	14.70	19.09	298
83	7,487	51.29	1.68	52.97	6.36	19.24	27.38	1,651
84	9,586	46.66	6.65	53.31	4.73	30.70	22.87	60,708
85	2,714	45.56	....	45.56	8.19	24.83	15.99	....
86	8,571	34.40	5.52	39.92	5.42	....	31.64	4,488
87	12,706	47.04	23.85	70.89	5.42	28.37	34.81	....
88	4,711	38.69	9.65	48.34	6.87	21.97	22.66	30,091
89	12,755	48.64	23.11	71.75	3.52	33.39	24.05	106,022
90	7,255	41.72	21.37	63.09	3.13	48.82	11.86	171,932
91	7,798	42.01	35.63	77.64	7.75	24.53	54.34	3,505
92	3,550	52.60	....	52.60	7.73	28.65	21.10	....
93	10,213	46.59	4.83	51.42	3.71	27.86	18.18	32,219
94	5,308	54.59	12.19	66.78	13.38	30.55	21.51	32,427
95	817	85.31	....	83.51	17.76	49.41	18.12	....
96	15,829	44.95	19.62	64.57	5.30	13.06	45.79	88,884
97	5,323	56.88	22.76	79.64	6.01	59.30	17.22	81,245
98	4,570	116.98	....	116.98	13.67	59.68	34.63	....
99	10,019	53.10	32.32	85.42	8.20	40.26	42.97	95,913
100	2,339	35.58	....	35.58	5.97	15.46	11.67	....
101	11,430	40.59	17.79	58.38	4.88	18.65	31.67	53,322
102	5,100	38.80	10.81	49.61	6.65	20.65	20.19	54,642
103	9,148	55.17	15.73	70.90	3.85	49.80	18.78	*79,795
104	5,124	47.93	11.24	59.17	7.97	24.75	29.95	12,191
105	2,251	61.02	6.59	67.61	9.00	39.03	11.87	6,353
106	1,550	58.04	....	58.04	9.17	30.84	13.26	....
107	....	40.22	....	40.22	5.59	34.50	....	....
108	9,099	37.83	....	....	3.55	19.28	16.62	73,930
109	7,613	41.12	5.91	47.03	4.25	3.60	17.23	25,787
110	19,559	43.51	8.81	52.32	4.07	6.67	40.76	39,408
111	4,519	40.21	12.64	52.85	6.52	26.30	18.20	6,276
112	5,500	43.21	27.84	71.05	7.72	37.85	24.19	67,143
113	1,200	63.99	....	63.99	14.51	33.13	21.99	....
114	5,700	63.82	....	63.82	6.99	30.48	26.14	....
115	343	61.80	....	61.80	16.69	16.69	8.10	....
116	12,023	51.17	13.60	64.77	6.44	20.59	38.08	90,551
117	....	47.66	7.20	54.86	6.44	38.04	....	40,327
118	4,700	46.65	15.28	61.93	8.67	28.85	22.38	35,306

THE COLLEGIATE INSTITUTES

TABLE 34—FINANCIAL STATISTICS,

High Schools	Average Daily Attendance	Pupil-Days Attended	Expenditures		Legislative Grant	County Grant
			Current	Capital		
(In Counties)			$	$	$	$
119 Welland..........	378	73,767	39,054	7,329	1,879	....
120 Weston..........	374	70,779	37,622	(in default)	1,778	25,531
121 Whitby..........	182	35,507	20,271	4,135	3,677	11,066
122 Wiarton..........	129	22,587	9,128	1,255	1,370	4,771
123 Williamstown.....	114	20,302	9,253	....	1,306	740
124 Winchester.......	132	24,839	12,121	420	1,609	7,458
125 Wingham.........	136	25,209	14,972	....	1,664	8,062
Totals and Averages	19,204	3,628,017	1,694,385	379,026	204,677	958,488
(In Districts)						
1 Bracebridge.......	171	31,899	11,961	6,108	6,904	....
2 Capreol..........	93	20,020	8,150	2,604	2,133	....
3 Chapleau.........	137	26,404	15,391	3,440	3,597	....
4 Cobalt...........	171	31,391	15,248	(in default)	4,506	....
5 Cochrane.........	148	29,073	15,363	4,012	4,452	....
6 Dryden..........	91	17,365	9,236	....	2,408	....
7 Englehart........	64	11,978	6,016	....	2,078	....
8 Fort Frances......	95	34,397	21,850	18,160	5,878	....
9 Gore Bay.........	65	12,117	4,598	1,037	2,148	....
10 Gravenhurst......	75	14,117	8,596	....	2,615	....
11 Haileybury.......	62	12,132	11,688	....	3,220	....
12 Huntsville........	124	23,311	10,214	2,970	4,020	....
13 Iroquois Falls.....	104	19,756	14,956	5,620	12,632	....
14 Kapuskasing......	139	24,947	20,964	....	4,487	....
15 Keewatin.........	73	14,164	6,339	....	2,173	....
16 Kenora...........	275	51,895	24,333	10,275	3,733	....
17 Kirkland Lake....	288	56,948	37,956	6,800	3,995	....
18 Mattawa.........	53	10,070	3,605	....	1,404	....
19 New Liskeard.....	212	41,870	21,751	435	7,264	....
20 Parry Sound......	214	39,495	14,758	1,040	3,697	....
21 Rainy River......	123	22,566	8,611	....	2,612	....
22 Schumacher...... 23 South Porcupine..	213	42,016	31,642	7,180	9,394	....
24 Sturgeon Falls....	254	48,944	17,929	....	6,969	....
25 Sudbury..........	333	64,759	33,933	310	5,237	....
26 Thessalon........	100	18,368	6,703	1,012	3,439	....
27 Timmins.........	407	77,023	42,029	9,251	4,473	....
Totals and Averages	4,084	797,020	423,820	80,254	115,468	....
Totals and Averages All High Schools...	23,288	4,425,037	2,118,205	459,280	320,145	958,488
Collegiate Institutes and High Schools.	63,311	12,125,375	6,249,430	1,447,793	480,484	1,459,859
Increases for the year...	....	....	....	....	39,140	....
Decreases for the year..	1,903	282,861	23,400	80,326	....	36,405

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†Included in Public School figures.
*Combined figure for High School and Vocational School.

AND HIGH SCHOOLS

DAY SCHOOLS, 1936

	Local Levy (Current and Capital)	Cost of Education per Pupil-Day (Cents)						Debenture Debt
		Current	Capital	Total	Legislative Share	County Share	Local Levy Share	
	$							$
119	34,553	52.94	9.94	62.88	2.55	....	46.84	71,200
120	5,297	53.15	....	....	2.51	36.07	7.48	*187,188
121	8,541	57.09	11.64	68.73	10.35	31.16	24.05	44,159
122	4,255	40.41	5.55	45.96	6.06	21.12	18.83	12,599
123	10,048	45.57	....	45.57	6.43	3.65	49.49	2,424
124	2,420	48.79	1.69	50.48	6.48	30.02	9.74	2,525
125	4,852	59.39	....	59.39	6.60	31.98	19.25	....
	841,211	46.04	10.45	56.49	5.64	26.42	23.19	4,301,112
1	11,116	37.49	19.14	56.63	21.64	....	34.85	71,129
2	8,179	40.70	13.01	53.71	10.65	....	40.85	16,603
3	14,740	58.29	13.02	71.31	13.62	....	55.82	39,933
4	11,105	48.57	....	....	14.35	....	35.38	39,756
5	14,625	52.84	13.80	66.64	15.31	....	50.30	33,326
6	7,400	53.18	....	53.18	13.87	....	42.61	....
7	4,500	50.22	....	50.22	17.35	....	37.57	....
8	31,082	63.52	52.80	116.32	17.09	....	90.36	122,822
9	4,137	37.94	8.56	46.50	17.72	....	34.14	16,333
10	6,050	60.89	....	60.89	18.52	....	42.85	....
11	7,740	96.34	....	96.34	26.55	....	63.80	....
12	6,250	43.82	12.74	56.56	17.25	....	26.81	18,353
13	8,114	75.70	28.45	104.15	63.94	....	41.07	†50,740
14	18,453	84.03	....	84.03	17.98	....	73.97	42,000
15	5,200	44.75	....	44.75	15.34	....	36.71	....
16	28,775	46.88	19.80	66.68	7.19	....	55.44	144,600
17	41,917	66.65	11.94	78.59	7.01	....	73.61	72,934
18	1,288	35.80	....	35.80	13.94	....	12.79	....
19	15,935	51.95	1.04	52.99	17.35	....	38.06	2,602
20	12,527	37.37	2.63	40.00	9.36	....	31.72	2,081
21	5,994	38.16	....	38.16	11.57	....	26.56	....
22 23	38,100	75.31	17.09	92.40	22.36	....	90.68	....
24	10,962	36.63	....	36.63	14.24	....	22.40	7,000
25	23,810	52.40	.48	52.88	8.09	....	36.77	11,555
26	4,287	36.50	5.51	42.01	18.73	....	23.34	30,572
27	46,052	84.44	7.18	91.62	8.40	....	83.96	107,791
	388,338	53.18	10.07	63.25	14.49	....	48.72	830,130
	1,229,549	47.87	10.38	58.25	7.23	2.17	27.79	5,131,242
	5,507,312	51.54	11.94	63.48	3.96	12.04	45.42	19,631,806
	180,516	.99	....	.61	.40	....	2.49	947,745
	....	....	.38	....	....	.02	....	....

THE COLLEGIATE INSTITUTES AND HIGH SCHOOLS

TABLE 35—AGE-GRADE DISTRIBUTION, MAY, 1937

		10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 yrs.	20 yrs.	21 yrs. and over	Totals	Grade Totals
GRADE IX........	Boys	1	12	327	1,898	3,472	2,592	1,267	220	73	4	3	2	9,871	20,014
	Girls	......	26	435	2,351	3,698	2,415	938	229	35	9	5	2	10,143	
GRADE X..........	Boys	......	......	17	267	1,493	2,645	1,941	802	250	38	13	3	7,469	16,172
	Girls	......	1	29	345	2,113	3,233	1,977	744	183	47	18	13	8,703	
GRADE XI........	Boys	......	......	1	16	280	1,365	2,338	1,566	660	222	65	29	6,542	14,042
	Girls	......	......	......	25	440	1,790	2,661	1,649	693	171	39	32	7,500	
GRADE XII......	Boys	......	......	......	......	24	216	1,027	1,557	1,078	541	162	59	4,664	9,705
	Girls	......	......	......	1	30	304	1,352	1,704	1,057	453	97	43	5,041	
GRADE XIII.......	Boys	......	......	......	......	1	22	221	782	1,144	800	331	210	3,511	7,155
	Girls	......	......	......	......	......	34	317	1,053	1,245	692	175	128	3,644	
TOTALS BY SEXES	Boys	1	12	345	2,181	5,270	6,840	6,794	4,927	3,205	1,605	574	303	32,057	67,088
	Girls	......	27	464	2,722	6,281	7,776	7,245	5,379	3,213	1,372	334	218	35,031	
GRAND TOTALS	......	1	39	809	4,903	11,541	14,616	14,039	10,306	6,418	2,977	908	521	......	......

THE VOCATIONAL

TABLE 36—DAY SCHOOLS—TEACHERS; PUPILS; MAY

Schools	Type of School	Teachers				Complete May Enrolment			
		Full-Time		Part-Time and Occasional					
		Male	Female	Male	Female	Total	Male	Female	Percentage Attendance Efficiency
Counties									
1 Barrie	AC	......	2	2	1	55	21	34	89.88
2 Beamsville	A.AGR.	......	......	4	3	59	42	17	87.48
3 Belleville	ACT	8	5	4	2	366	176	190	92.91
4 Brantford	ACT	8	7	10	8	527	268	259	95.31
5 Brockville	AC	2	1	3	2	68	21	47	94.77
6 Chatham	CT	8	8	......	1	481	255	226	92.36
7 Cornwall	AC	2	2	1	3	151	53	98	94.44
8 Fort Erie	ACT	1	2	......	......	170	71	99	95.60
9 Galt	ACT	7	5	2	3	238	113	125	93.45
10 Guelph	ACT	7	5	......	1	397	203	194	93.17
11 Hamilton, H.S. of Commerce	COM.	13	16	......	......	931	194	737	95.62
12 " Westdale	ACT	21	7	11	5	739	378	361	93.24
13 " Technical	T	44	15	1	1	1,404	1,005	399	93.00
14 Kingston	ACT	11	6	......	......	436	204	232	92.75
15 " Navigation	N	1	......	1	......	17	17	......	......
16 Kitchener	ACT	12	6	5	5	608	303	305	95.16
17 London	CT	41	13	......	......	1,756	896	860	93.33
18 Napanee	AC	......	3	3	......	94	17	77	90.68
19 Niagara Falls	ACT	10	3	1	3	399	239	160	96.69
20 Oshawa	ACT	10	5	3	3	403	193	210	95.95
21 Ottawa, Technical	T	36	2	2	......	1,514	1,444	70	91.55
22 " H.S. of Commerce	COM.	22	19	......	......	1,229	272	957	93.82
23 Owen Sound	ACT	5	6	7	2	314	144	170	88.57
24 Pembroke	AC	......	1	3	1	123	49	74	92.92
25 Perth	AC	1	1	1	1	112	48	64	96.43
26 Peterborough	ACT	11	8	3	1	379	191	188	95.78
27 Picton	AC	1	1	3	1	117	45	72	93.61
28 Renfrew	ACT	1	3	3	3	137	83	54	94.33
29 Ridgetown	A.AGR.	......	......	4	7	67	31	36	91.30
30 St. Catharines	ACT	13	8	5	2	313	116	197	91.79
31 St. Thomas	CT	9	8	1	......	423	216	207	94.17
32 Sarnia	ACT	11	6	4	4	531	253	278	90.24
33 Scarborough	AC	1	2	4	5	245	67	178	93.01
34 Simcoe	AC	......	1	7	2	95	50	45	93.97
35 Stamford	ACT	3	3	3	3	272	166	106	95.65
36 Stratford	AC	2	4	2	1	173	59	114	95.62
37 Toronto, Central Technical	T	66	28	9	4	2,850	1,721	1,129	93.19
38 " Danforth "	T	53	13	2	2	1,461	1,029	432	92.18
39 " Central H.S. of Com.	COM.	29	17	......	......	1,807	525	1,282	93.99
40 " Eastern "	COM.	38	14	......	......	1,571	430	1,141	91.21
41 " Western Technical	CT	44	9	1	2	1,078	750	328	90.69
42 " " Commerce	COM.	26	10	......	......	985	244	741	88.73
43 " Northern Vocational	CT	49	28	3	5	2,035	904	1,131	91.25
44 Welland	ACT	10	8	2	1	445	225	220	95.43
45 Weston	ACT	11	8	......	1	371	218	153	86.01
46 Windsor	CT	41	18	......	......	1,678	996	682	96.62
47 Woodstock	AC	2	3	2	1	149	44	105	86.67
48 York, East	AC	6	8	6	3	464	115	349	92.11
49 " North	AC	1	1	1	2	97	22	75	94.41
50 York Twp., Runnymede	AC	3	......	3	3	191	37	154	91.04
51 " " Vaughan Road	AC	4	6	1	1	335	84	251	92.46
52 " " York Memorial	AC	3	2	5	3	350	76	274	93.21
Totals	......	708	357	138	102	31,210	15,323	15,887	93.18
Districts									
1 Fort Frances	AC	1	1	3	5	127	53	74	90.68
2 Fort William	CT	18	10	......	......	601	312	289	86.68
3 Haileybury	AM	2	......	2	2	72	72	......	91.13
4 North Bay	ACT	10	5	1	2	476	281	195	93.08
5 Port Arthur	CT	15	11	......	......	726	388	338	94.39
6 Sault Ste. Marie	CT	12	7	......	1	680	337	343	88.98
7 Sudbury	CT	19	......	......	......	604	312	292	83.76
8 Timmins	ACT	7	3	2	3	270	147	123	91.95
Totals	......	84	37	8	13	3,556	1,902	1,654	89.44
Grand Totals	......	792	394	146	115	34,766	17,225	17,541	92.79
Increases for the year	......	21	......	7	......	......	......	......	.71
Decreases for the year	......	......	23	......	7	652	620	32	......
Percentages	......	......	......	......	......	......	49.55	50.45	......

Type of school—ACT —Composite (academic, commercial and technical.)
AC —Combined academic and commercial.
CT —Combined Vocational (commercial and technical.)
A. AGR.—Academic, and Vocational Agricultural School.
COM.—Commercial.
T —Technical.
N —Navigation.
AM —Academic, and Mining School.

SCHOOLS

ENROLMENT, ATTENDANCE, GRADE DISTRIBUTION, 1936-37

	Pupils													
	Full-Time May Enrolment				Grade Distribution of Full-Time Pupils							Complete Enrolment by Areas		
	Total	Male	Female	Average Daily Attendance	Pre-Vocational	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Special	Resident	County or District	Non-Resident
1	55	21	34	53	......	......	29	26	......	......	......	42	12	1
2	59	42	17	52	......	23	27	9	......	......	......	13	46	.....
3	366	176	190	300	......	192	81	55	6	......	32	258	108	.....
4	527	268	259	629	15	220	147	78	15	......	52	421	98	8
5	68	21	47	75	......	......	36	13	......	......	19	58	10	.....
6	481	255	226	333	48	140	66	52	33	......	142	335	146	.....
7	151	53	98	186	......	66	41	44	......	......	......	95	56	.....
8	167	71	96	161	......	129	23	11	4	......	......	162	8	.....
9	238	113	125	267	......	85	83	40	6	......	24	179	41	18
10	397	203	194	397	......	176	91	42	......	......	88	357	38	2
11	931	194	737	967	......	458	265	132	35	......	41	919	12	.....
12	739	378	361	769	32	307	216	93	48	......	43	708	31	.....
13	1,249	893	356	1,358	198	547	268	155	7	8	66	1,374	26	4
14	407	193	214	405	......	173	135	65	......	......	34	363	72	1
15	17	17	......	13	......	17	......	......	......	......	......	17	......	.....
16	608	303	305	705	7	264	182	103	9	......	43	540	65	3
17	1,756	896	860	1,303	140	575	414	190	123	8	306	1,452	286	18
18	94	17	77	85	......	34	24	15	......	......	21	45	45	4
19	399	239	160	382	......	186	120	70	......	......	23	354	28	17
20	403	193	210	485	......	195	131	77	......	......	......	342	51	10
21	1,447	1,412	35	1,137	53	462	358	289	163	55	67	1,335	174	5
22	1,229	272	957	1,213	......	465	395	288	81	......	......	1,187	40	2
23	262	118	144	224	......	103	68	38	20	......	33	281	29	4
24	123	49	74	94	......	42	40	23	4	......	14	112	11	.....
25	112	48	64	100	......	26	29	21	......	......	36	55	56	1
26	379	191	188	372	......	197	118	61	3	......	......	274	101	4
27	111	41	70	113	......	52	31	28	......	......	......	66	51	.....
28	137	83	54	118	......	46	40	24	......	......	27	100	37	.....
29	67	31	36	75	......	31	20	16	......	......	......	25	40	2
30	313	116	197	357	......	......	143	90	31	......	49	263	49	1
31	423	216	207	442	......	143	116	65	63	......	36	327	92	4
32	531	253	278	557	......	246	139	87	59	......	......	417	114	.....
33	245	67	178	249	......	121	82	42	......	......	......	239	4	2
34	95	50	45	82	......	43	32	20	......	......	......	44	51	.....
35	272	166	106	234	......	75	67	85	45	......	......	173	53	46
36	173	59	114	182	......	66	53	26	......	......	28	154	14	5
37	2,373	1,641	732	1,777	172	933	538	351	234	134	11	2,745	36	69
38	1,457	1,027	430	976	......	683	427	202	114	14	17	1,423	36	2
39	1,717	491	1,226	1,399	......	633	437	263	144	41	199	1,776	......	31
40	1,485	405	1,080	1,610	......	726	385	235	80	......	59	1,571	......	.....
41	1,077	750	327	1,014	91	467	280	138	66	14	21	1,041	9	28
42	985	244	741	904	......	408	274	131	48	......	124	975	9	1
43	1,778	814	964	1,627	64	581	376	249	178	73	257	2,020	......	15
44	441	222	219	455	......	222	144	67	4	......	4	214	231	.....
45	371	218	153	402	......	205	96	39	2	......	29	91	279	1
46	1,678	996	682	1,696	......	614	512	418	111	23	......	1,549	38	91
47	149	44	105	152	......	68	27	14	5	......	35	122	27	.....
48	464	115	349	488	......	224	121	62	19	......	38	461	3	.....
49	97	22	75	88	......	46	34	17	......	......	......	57	40	.....
50	191	37	154	170	......	60	48	38	......	......	45	148	42	1
51	335	84	251	357	......	154	102	49	13	......	17	298	37	.....
52	323	69	254	338	......	173	75	48	......	......	27	350	......	.....
	29,952	14,897	15,055	27,917	820	12,102	7,986	4,794	1,773	370	2,107	27,927	2,882	401
1	127	53	74	133	......	67	35	15	......	......	10	113	......	14
2	601	312	289	618	......	305	141	57	98	......	......	535	66	.....
3	72	72	......	73	......	34	19	11	8	......	......	35	35	2
4	461	279	182	381	......	172	163	84	......	......	42	405	54	17
5	726	388	338	574	......	238	218	117	80	73	......	689	37	.....
6	596	285	311	450	65	196	127	65	102	......	41	627	50	3
7	604	312	292	505	......	393	145	57	9	......	......	473	75	56
8	270	147	123	286	......	111	119	40	......	......	......	220	......	50
	3,457	1,848	1,609	3,020	65	1,516	967	446	297	73	93	3,097	317	142
	33,409	16,745	16,664	30,937	885	13,618	8,953	5,240	2,070	443	2,200	31,024	3,199	543
	....	....	....	266	......	....	134	......	......	......	......	....	......	72
	997	771	226	....	161	290	......	......	176	115	389	269	436	.....
	....	50.12	49.88	92.60	2.65	40.76	26.80	15.68	6.20	1.33	6.58	89.24	9.20	1.56

THE VOCATIONAL SCHOOLS

TABLE 37—AGE-GRADE DISTRIBUTION OF FULL-TIME DAY PUPILS, MAY, 1937

		11 years	12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years	20 years	21 years and over	Totals	Grade Totals
PRE-VOCATIONAL	Boys	....	1	25	95	166	216	64	14	1	2	....	584	885
	Girls	....	....	13	54	121	79	29	4	1	....	....	301	
GRADE IX	Boys	2	61	667	1,767	2,311	1,507	568	126	28	7	3	7,047	13,618
	Girls	1	94	849	2,059	2,088	1,075	331	53	12	3	6	6,571	
GRADE X	Boys	....	3	60	443	1,315	1,385	837	354	113	27	12	4,549	8,953
	Girls	....	....	44	565	1,499	1,304	682	222	62	12	14	4,404	
GRADE XI	Boys	....	....	....	31	297	687	643	458	265	78	30	2,489	5,240
	Girls	....	....	3	53	426	878	749	385	161	61	35	2,751	
GRADE XII	Boys	....	....	....	1	10	124	236	257	198	96	46	968	2,070
	Girls	....	....	....	....	24	195	323	252	181	72	55	1,102	
GRADE XIII	Boys	....	....	....	....	1	11	34	59	70	47	37	259	443
	Girls	....	....	....	....	1	3	12	45	37	36	50	184	
SPECIAL	Boys	....	....	....	1	22	54	141	216	213	107	95	849	2,200
	Girls	....	....	....	2	41	135	299	364	260	129	121	1,351	
TOTALS BY SEXES	Boys	2	65	752	2,338	4,122	3,984	2,523	1,484	888	364	223	16,745	....
	Girls	1	94	909	2,733	4,200	3,669	2,425	1,325	714	313	281	16,664	
GRAND TOTALS	....	3	159	1,661	5,071	8,322	7,653	4,948	2,809	1,602	677	504	33,409	....

THE VOCATIONAL SCHOOLS

TABLE 38—DAY SCHOOLS—CLASSIFICATION OF STUDENTS BY SUBJECTS OF STUDY, 1936-37

SCHOOLS	English	Mathematics	Science	History and Civics	French	Draughting	Shopwork	Art and Design	Domestic Science	Domestic Arts	Commercial Work	Agriculture
Counties												
Barrie	55	26	......	55	20	......	......	......	......	......	55	......
Beamsville	60	60	60	......	......	36	42	23	18	18	60	60
Belleville	364	364	296	331	......	155	147	43	79	133	199	......
Brantford	527	484	426	408	74	221	260	49	193	193	276	......
Brockville	68	68	36	32	25	......	21	......	47	......	68	......
Chatham	481	433	334	315	14	167	233	71	112	112	342	......
Cornwall	151	110	66	129	128	......	......	......	......	......	151	......
Fort Erie	152	152	23	152	129	......	67	......	85	......	152	......
Galt	238	238	141	238	......	87	87	13	54	54	140	......
Guelph	102	74	62	29	12	30	......	......	......	......	......	......
Hamilton—												
Technical	1,435	1,429	1,408	1,374	133	1,000	1,053	626	342	396	179	......
Commerce	884	691	458	799	......	......	......	......	602	......	931	......
Westdale	703	724	698	697	155	260	290	190	187	150	332	......
Kingston	371	410	229	362	......	202	168	20	166	166	248	......
Kitchener	565	475	475	570	......	201	201	138	298	298	412	......
London	1,659	1,551	1,062	1,330	240	656	719	234	383	400	815	......
Napanee	94	73	34	56	......	......	7	......	......	......	94	1
Niagara Falls	399	399	359	375	......	219	219	......	......	......	180	......
Oshawa	382	403	254	403	......	182	183	116	116	116	236	......
Ottawa—												
Technical	1,380	1,380	1,380	1,380	495	1,230	1,412	908	......	......	......	......
Commercial	1,229	831	747	796	783	......	......	......	430	430	1,229	......
Owen Sound	188	148	55	80	......	63	66	65	89	89	170	......
Pembroke	94	57	40	92	95	......	......	......	......	......	123	......
Perth	112	82	26	112	29	......	......	......	......	......	112	......
Peterborough	183	182	180	181	......	133	182	37	154	34	219	......
Picton	105	77	79	76	......	......	......	75	......	......	111	......
Renfrew	109	77	63	43	......	......	31	......	......	......	89	31
Ridgetown	67	50	65	44	......	......	30	39	36	......	20	64
St. Catharines	313	307	182	311	......	70	70	38	38	38	205	......
St. Thomas	423	423	387	352	15	182	166	113	113	113	216	72
Sarnia	531	531	397	472	161	221	221	111	81	107	207	......
Scarboro	238	168	176	236	130	......	......	38	......	......	244	12
Simcoe	93	93	73	63	......	10	49	......	44	44	......	89
Stamford	227	272	75	142	......	75	75	38	......	......	185	95
Stratford	173	120	92	119	145	......	23	......	43	......	173	......
Toronto—												
Central Technical	2,373	2,314	2,501	2,051	229	1,512	1,548	1,127	601	564	257	......
Danforth "	1,457	1,428	1,386	1,324	395	719	733	969	324	334	......	......
Western "	1,077	1,059	1,009	1,063	427	706	706	721	273	306	140	......
Central Commerce	1,807	1,299	1,209	1,518	1,362	......	......	156	......	......	1,807	......
Eastern "	1,485	1,169	1,188	1,441	1,276	......	......	......	......	......	1,485	......
Western "	985	837	713	861	406	......	18	......	39	49	985	......
Northern Vocational	1,778	1,778	1,393	1,552	1,119	411	411	284	496	496	960	......
Welland	437	331	424	376	......	179	182	48	218	49	218	......
Weston	328	302	305	328	......	181	201	52	70	98	125	......
Windsor	1,745	1,768	1,448	1,448	903	1,043	1,043	201	208	208	706	......
Woodstock	113	149	68	114	108	......	......	......	62	......	149	......
York East	444	445	464	464	426	......	......	......	......	......	464	......
York North	97	63	46	97	94	......	......	......	......	......	97	......
York—												
Runnymede	191	98	108	146	52	......	......	......	......	......	191	......
Vaughan Rd.	335	220	276	318	318	......	......	......	......	......	335	......
Memorial	296	248	173	248	296	......	......	......	......	......	323	......
Totals	29,103	26,470	23,144	25,503	10,194	10,151	10,864	6,543	6,001	4,995	16,415	424
Districts												
Fort Frances	117	127	......	27	......	......	39	32	55	......	69	......
Fort William	580	592	517	592	135	260	266	38	123	144	209	......
Haileybury	75	75	95	52	27	95	95	......	......	......	......	......
North Bay	427	353	295	409	......	251	78	102	30	228	......	......
Port Arthur	651	539	624	607	161	304	304	162	180	180	195	......
Sault Ste. Marie	472	458	333	415	115	228	260	......	105	105	308	......
Sudbury	553	553	453	532	71	252	255	......	201	......	301	......
Timmins	270	270	196	227	62	134	134	......	67	67	69	......
Totals	3,141	2,967	2,513	2,861	571	1,524	1,431	334	761	724	1,151	......
Grand Totals	32,244	29,437	25,657	28,364	10,765	11,675	12,295	6,877	6,762	5,719	17,566	424

THE VOCATIONAL

TABLE 39—FINANCIAL STATISTICS,

Schools	Average Daily Attendance	Pupil-Days Attended	Expenditures		Legislative Grant	County Grant
			Current	Capital		
(In Counties)			$	$	$	$
1 Barrie	93	17,419	7,525	2,168	1,708	2,953
2 Beamsville	73	14,107	7,245	2,096	4,552	....
3 Belleville	157	58,466	39,861	10,230	17,591	....
4 Brantford	622	119,988	54,007	12,165	14,562	....
5 Brockville	59	11,590	11,722	....	930	....
6 Chatham	310	58,916	42,661	11,621	17,359	9,391
7 Cornwall	183	35,953	14,437	....	1,203	11,333
8 Fort Erie	104	19,603	11,043	(in default)	1,271	6,425
9 Galt	263	49,201	35,325	27,285	18,885	5,385
10 Guelph	382	70,359	40,198	4,351	18,005	....
11 Hamilton—Technical	1,383	235,677	197,474	65,881	36,776	....
12 Commerce	947	182,854	79,071	53,180	6,390	....
13 Westdale	743	144,766	106,660	88,174	45,221	....
14 Kingston	408	74,365	53,786	23,963	21,417	....
15 Kitchener	645	125,204	69,247	16,303	20,765	....
16 London	1,303	251,025	164,565	40,951	36,129	....
17 Napanee	87	17,116	8,966	1,168	1,467	6,445
18 Niagara Falls	412	79,929	42,342	4,222	8,671	3,433
19 Oshawa	282	53,283	46,475	25,441	19,393	....
20 Ottawa—Technical	2,272	417,064	258,422	51,063	34,047	....
21 Commerce						
22 Owen Sound (1935)	212	40,089	33,239	21,437	16,642	3,034
23 Pembroke	81	15,852	8,210	....	1,739	3,364
24 Perth	96	19,320	8,025	1,064	727	3,901
25 Peterborough	372	79,703	56,639	23,720	19,806	....
26 Picton	109	21,007	8,433	....	692	4,913
27 Renfrew	115	21,097	14,075	2,987	6,376	500
28 Ridgetown	36	7,097	13,244	....	4,703	4,636
29 St. Catharines	468	88,089	67,246	20,174	13,256	13,319
30 St. Thomas	447	84,484	52,753	19,585	17,650	7,141
31 Sarnia	547	99,657	62,450	18,848	10,196	11,927
32 Scarborough	246	47,071	20,726	(in default)	1,449	9,689
33 Simcoe	79	14,858	5,512	433	3,468	1,385
34 Stamford	244	47,711	24,831	7,844	4,227	12,000
35 Stratford	190	36,002	14,907	2,996	2,495	1,262
36 Toronto—Central Technical	1,813	345,951	409,962	103,421	68,962	....
37 Danforth "	1,531	292,688	244,209	44,343	53,049	....
38 Western "	1,096	209,194	179,931	50,358	58,272	....
39 Northern "	850	162,117	150,653	57,739	58,869	....
40 Central Commerce	1,371	260,011	197,234	35,338	19,652	....
41 Eastern "	1,565	297,464	190,611	46,553	19,161	....
42 Western "	1,037	198,359	146,232	42,321	13,400	....
43 Northern "	862	164,828	124,957	48,288	12,675	....
44 Welland	463	90,392	51,625	7,364	14,278	....
45 Weston	429	82,541	52,078	(in default)	12,236	43,130
46 Windsor	1,861	344,315	169,242	15,819	23,066	....
47 Woodstock	166	32,253	16,135	....	1,010	....
48 York Twp.—Runnymede	204	37,696	18,476	5,015	1,882	9,523
49 Vaughan Road	341	64,487	28,662	8,371	3,065	14,602
50 York Memorial	313	59,560	24,369	11,053	2,279	15,498
51 York East	530	98,663	44,494	(in default)	3,176	22,930
52 York North	74	13,885	6,754	1,606	745	3,698
Totals and Averages	30,416	5,772,499	3,736,946	1,036,939	799,013	231,817
(In Districts)						
1 Fort Frances	95	24,903	12,169	....	3,435	....
2 Fort William	601	117,161	82,029	45,606	37,501	....
3 Haileybury	60	11,783	11,451	3,996	9,878	....
4 Kirkland Lake (4 months)	288	10,671	5,898	1,046	....	....
5 North Bay	366	71,155	38,832	21,227	25,221	....
6 Port Arthur	554	107,420	68,866	33,569	34,936	....
7 Sault Ste. Marie	491	94,849	43,874	27,391	18,500	....
8 Sudbury	469	89,102	47,312	10,494	13,246	....
9 Timmins	272	52,610	37,923	11,765	17,881	....
Totals and Averages	3,196	579,654	348,354	155,094	160,598	....
Grand Totals and Averages	33,612	6,352,153	4,085,300	1,192,033	959,611	231,817
Increases for the year	3,619	601,789	20,888	64,709	....	....
Decreases for the year	....	....	....	....	149,480	12,069

*Combined School.

SCHOOLS

DAY SCHOOLS, 1936

	Local Levy	Cost of Education per Pupil-Day (cents)						Debenture Debt
		Current	Capital	Total	Legis-ative Share	County Share	Local Levy Share	
	$							$
1	5,671	43.20	12.45	55.65	9.81	16.95	32.56	*116,678
2	1,080	51.36	14.86	66.22	32.27	....	7.66	60,457
3	25,809	68.18	17.50	85.68	30.09	....	44.14	*487,600
4	41,784	45.01	10.14	55.15	12.14	....	34.82	*314,980
5	10,600	101.14	....	101.14	8.02	....	91.46	24,497
6	25,904	72.41	19.72	92.13	29.46	15.94	43.97	52,774
7	....	40.16	....	40.16	3.35	31.52	....	*84,813
8	8,117	56.33	(in default)	....	6.48	32.78	41.41	70,277
9	35,082	71.80	55.46	127.26	38.38	10.94	71.30	181,472
10	31,959	57.13	6.18	63.31	25.59	....	45.42	*428,650
11	217,709	83.79	27.95	111.74	15.60	....	92.38	291,638
12	122,971	43.24	29.08	72.32	3.50	....	67.25	543,000
13	142,474	73.68	60.91	134.59	31.24	....	98.42	1,086,579
14	44,042	72.33	32.22	104.55	28.80	....	59.22	366,803
15	59,738	55.31	13.02	68.33	16.58	....	47.71	142,802
16	156,551	65.56	16.31	81.87	14.39	....	62.36	319.755
17	3,006	52.38	6.82	59.20	8.57	37.65	17.56	*41,500
18	37,722	52.97	5.28	58.25	10.85	4.30	47.19	79,793
19	65,835	87.22	68.79	156.01	36.40	....	123.56	*407,956
20 21	253,663	61.96	12.24	74.20	8.16	....	60.82	555,495
22	34,592	82.91	53.47	136.38	41.51	7.57	86.28	242,000
23	3,317	51.79	....	51.79	10.97	21.22	20.92	....
24	3,656	41.54	5.51	47.05	3.77	20.19	18.92	7,407
25	58,220	71.06	29.76	100.82	24.85	....	73.05	306,400
26	2,582	40.14	....	40.14	3.29	23.39	12.29	....
27	9,600	66.71	14.16	80.87	30.22	2.37	45.50	52,415
28	3,765	186.61	....	186.61	66.27	65.32	53.05	....
29	65,332	76.34	22.90	99.24	15.05	15.12	74.17	*358,333
30	45,196	62.44	23.18	85.62	20.89	8.45	53.50	228,964
31	51,631	62.66	18.91	81.57	10.23	11.97	51.81	58,815
32	9,848	44.03	(in default)	....	3.08	20.58	20.92	*262,029
33	517	37.10	2.91	40.01	23.34	9.32	3.48	*79,795
34	11,474	52.04	16.44	68.48	8.86	25.15	24.05	78,889
35	15,673	41.41	8.32	49.73	6.93	3.51	43.53	*102,154
36	472,732	118.50	29.89	148.39	19.93	....	136.65	1,783,295
37	252,145	83.44	15.15	98.59	18.12	....	86.15	415,266
38	176,606	86.01	24.07	110.08	27.86	....	84.42	545,457
39	158,346	92.93	35.62	128.55	36.31	....	97.67	684,624
40	212,633	75.86	13.59	89.45	7.56	....	81.78	397,494
41	218,880	64.08	15.65	79.73	6.44	....	73.58	526,315
42	171,696	73.72	21.34	95.06	6.76	....	86.56	466,687
43	158,703	75.81	29.30	105.11	7.69	....	96.28	586,101
44	34,694	57.11	14.49	71.60	16.73	....	38.38	210,058
45	7,328	63.09	(in default)	....	16.04	52.25	8.88	*227,188
46	124,128	49.15	4.59	53.74	11.29	....	36.05	888,801
47	15,068	50.03	....	50.03	3.13	....	46.72	....
48	9,775	49.01	13.30	62.31	4.99	25.26	25.93	*297,570
49	15,035	44.45	12.98	57.43	4.75	22.64	23.31	*386,161
50	15,858	40.92	18.56	59.48	3.83	26.02	26.63	*377,303
51	15,720	45.10	(in default)	....	3.22	23.24	15.93	184,451
52	4,440	48.64	11.57	60.21	5.37	26.63	31.98	55,746
	3,668,907	64.74	18.26	83.00	13.84	4.02	63.56	15,467,237
1	8,691	48.87	....	48.87	13.79	....	34.90	*122,822
2	94,910	70.01	38.93	108.94	32.24	....	81.01	525,798
3	3,159	97.19	33.92	131.11	83.83	....	26.81	50,147
4	7,033	55.27	9.80	65.07	....	....	65.91	72,934
5	33,392	54.57	29.83	84.40	35.45	....	46.93	290,774
6	70,208	64.11	31.25	95.36	32.52	....	65.36	750,520
7	51,217	46.26	28.88	75 14	19.50	....	54.00	199.900
8	37,629	53.10	11.78	64.88	14.87	....	42.23	206.449
9	32,214	72.08	22.36	94.44	33.99	....	61.23	145,293
	338,453	60.10	26.76	86.86	27.71	....	58.39	2,364,637
	4,007,360	64.31	19.03	83.34	15.10	3.65	63.09	17,831,874
	124,491	....	....	....	....	....	....	4,200,238
		6.37	.57	6.94	4.24	.59	4.43	....

THE VOCATIONAL

TABLE 40—

Schools	Teachers				Students		
	Male		Female		Enrolment		
	Total	No. who teach in Day School	Total	No. who teach in Day School	Total	Male	Female
Counties							
1 Barrie	4	1	4	2	112	51	61
2 Chatham	8	7	3	2	415	258	157
3 Dunnville	2	1	2	1	83	37	46
4 Galt	6	2	2	2	187	111	76
5 Kingston	9	8	2	2	409	202	207
6 Kitchener-Waterloo	10	7	6	5	546	320	226
7 London	24	20	9	5	976	528	448
8 Napanee	1	1	3	1	39	12	27
9 Niagara Falls	7	6	5	2	335	210	125
Ottawa:							
10 Technical	25	15	12	2	1,642	536	1,106
11 Commercial	11	10	9	7	1,093	300	793
12 Owen Sound	6	5	5	4	302	119	183
13 Pembroke	6	2	4	1	176	51	125
14 Peterborough	17	11	7	2	781	391	390
15 Sarnia	10	9	3	3	463	305	158
16 St. Catharines	13	13	8	5	470	261	209
17 Stratford	7	6	4	2	336	158	178
Toronto:							
18 Central Technical	90	56	31	8	3,642	2,068	1,574
19 Danforth Technical	49	39	26	4	2,059	1,046	1,013
20 Western Technical and Commerce	42	39	19	1	1,835	935	900
21 Central Commerce	31	26	4	3	1,321	552	769
22 Eastern Commerce	26	26	3	1	1,339	607	732
23 Northern Vocational	57	46	29	20	2,598	1,109	1,489
24 Welland	8	7	5	2	524	282	242
25 Weston	10	9	7	7	454	255	199
26 Windsor	42	29	9	8	2,019	1,424	595
York Township:							
27 Vaughan Road	4	4	2	2	153	64	89
28 Runnymede	1	1	2	1	98	43	55
29 York Memorial	2	2	1	1	68	32	36
30 East York	3	3	...	...	152	90	62
Totals	531	411	226	106	24,627	12,357	12,270
Districts							
1 Fort William	15	11	11	7	656	354	302
2 Port Arthur	16	11	9	6	467	291	176
Totals	31	22	20	13	1,123	645	478
Grand Totals	562	433	246	119	25,750	13,002	12,748
Increases for the Year	33	26	9	16	1,390	1,797	407
Decreases for the Year	......	......	......	......	......	......	......
Percentages	......	77.04	......	48.37	......	50.49	49.51

SCHOOLS

NIGHT SCHOOLS, 1936-37

	Students						Aggregate Student Hours Attendance	No. of Nights School was Open	No. of Class-rooms
	Beginners			Student Nationality					
	Total	Male	Female	Canadian	British	Others			
1	88	38	50	109	3	....	7,891	48	8
2	315	180	135	346	40	29	17,802	43	10
3	70	32	38	78	3	2	4,302	40	8
4	151	88	63	153	27	7	6,916	80	8
5	357	175	182	346	55	8	10,244	42	16
6	260	164	96	477	17	52	23,490	80	25
7	755	375	380	817	111	48	45,908	78	35
8	23	6	17	36	3	....	2,339	35	4
9	211	126	85	235	56	44	14,792	40	14
10	936	325	611	1,467	127	48	59,834	86	48
11	836	248	588	995	68	30	43,452	88	41
12	216	75	141	301	1	....	9,997	45	12
13	91	31	60	170	4	2	82	41	10
14	476	239	237	693	72	16	27,673	91	31
15	398	265	133	382	70	11	18,484	36	15
16	314	180	134	360	88	22	19,857	83	31
17	194	94	100	303	25	8	12,544	74	24
18	1,801	1,042	759	2,468	628	546	175,998	108	189
19	....	....	....	1,570	427	62	100,044	87	95
20	1,139	561	578	1,518	248	69	82,077	86	85
21	874	329	545	1,121	95	105	49,337	87	82
22	877	392	485	1,117	198	24	....	87	57
23	1,420	606	814	2,266	270	62	116,818	86	136
24	316	178	138	415	39	70	22,344	42	22
25	287	149	138	376	67	11	6,730	40	31
26	1,760	1,432	328	1,266	347	406	68,708	80	64
27	131	53	78	127	21	5	5,725	42	10
28	88	37	51	92	5	1	4,444	42	6
29	55	25	30	54	13	1	3,172	42	6
30	131	75	56	125	24	3	6,292	44	6
	14,570	7,520	7,050	19,783	3,152	1,692	967,296	....	1,129
1	486	255	231	513	76	67	28,780	37	28
2	305	188	117	374	43	50	19,365	80	29
	791	443	348	887	119	117	48,145	....	57
	15,361	7,963	7,398	20,670	3,271	1,809	1,015,441	....	1,186
	3,192	2,567	625	1,193	....	....	....	....	....
	......	....	....	....	90	287	69,220	....	52
	*59.65	51.84	48.16	80.27	12.70	7.03	....	....	....

*of total enrolment.

THE VOCATIONAL SCHOOLS

TABLE 41—NIGHT SCHOOLS—Classification of Pupils by Subjects of Study

I. Architecture, Machine Drawing and Design:

Mechanical Drawing	605
Architectural Drawing	214
Sheet Metal Drawing	170
Electrical Drawing	7
Machine Drawing and Design	129
Watchmakers' Drafting	20
Blue Print Reading	15

II. Art and Design:

Lettering and Showcards	340
Colour Study	344
Illustrating	164
Industrial Design	177
Modelling	49
Still Life Drawing	113
Elementary Art	133
Life Drawing	276
Antique Drawing	93
Perspective	27
Costume Drawing and Design	111
Painting and Decorating	40
Leather Work	18
Pottery	26
Woodcarving	31
Interior Decorating	362
Crafts	9
History of Art	34
Block Printing	9
Art Metal Work	39

III. Chemistry and Geology:

Chemistry	251
Chemistry for Nurses	25
Industrial Chemistry	194
Cereal Chemistry	21
Photography	28
Physiography	9
Geography	56
Mineralogy and Geology	19
Prospecting	21

IV. Mathematics:

Arithmetic	649
Mensuration	133
Shop Mathematics	362
Algebra	369
Geometry	230
Trigonometry	152
Textile Calculations	24

V. Physics and Electricity:

Electricity	510
Applied Mechanics	29
Radio and Wireless Telegraphy	16
Radio	348
Armature Winding	40

VI. Engineering:

Aviation	61
Diesel Engines	161
Power Plant Operation	258
Stationary Engineering	228
Heating and Ventilation	24
Navigation	18

VII. Shop Work:

General Woodworking	411
Carpentry and Building Constr'n	145
Joinery and Cabinet Making	187
Plumbing	115
Paperhanging	14
Machine Shop Work	1,323
Acetylene Welding	690
Pattern Making	124
Auto Mechanics	1,080
Radio Service	25
Watchmaking	39
Electrical Wiring	348
Electrical Construction	56
Draughting	45
Blue Print Reading	51
Aircraft	463

VIII. Printing:

Printing	174

IX. Commercial Work:

Writing	505
Typewriting	5,589
Stenography	4,449
Bookkeeping	1,994
Rapid Calculation	35
Business Correspondence	193
Business Forms	374
Commercial Law	83
Office Routine	283
Filing	82
Economics	21
Salesmanship	176
Business English	26
Business Management	19
Business Machines	859
Insurance	524
Advertising	333
Accountancy	27

X. Domestic Science:

Cooking	2,136
Housekeeping	16
Home Economics	23
Home Nursing	182
Hygiene and Dietetics	145
House Management	25

XI. Domestic Art:

Sewing and Dressmaking	3,140
Millinery	222
Embroidery and Lacemaking	106
Textiles	30
Drafting and Design	77
Knitting	36

XII. English:

English for New Canadians	145
Reading	281
Composition and Spelling	687
Literature	174
Grammar	412
Current Events	22
Public Speaking	64

XIII. Foreign Languages:

French	288

XIV. Miscellaneous:

Orchestra Music	32
First Aid	98
Swimming	513
Physical Training	577
Lip Reading	25

THE SENIOR

TABLE 42—SCHOOLS,

Schools	Full-Time Teachers		Full-Time Enrolment		Average Daily Attendance	Attendance Efficiency Percentage
	Male	Female	Male	Female		
Hamilton—Boys' Handicraft	10	1	230	....	217	86.40
—Girls' do	....	6	....	105	99	88.61
Toronto—Boys' Special Industrial	25	....	581	....	485	84.76
—Girls' do do (Groves)	....	15	....	287	249	86.27
Girls' do do (Bolton)	....	11	....	250	195	84.98
Totals	35	33	811	642	1,245	85.75

*One part-time teacher in addition.

TABLE 43—AGE-GRADE DISTRIBUTION

	Age	11	12	13	14	15
First Year	Boys	....	7	144	132	60
	Girls	....	5	95	116	26
Second Year	Boys	....	3	95	108	69
	Girls	....	....	8	85	86
Third Year	Boys	....	....	9	86	24
	Girls	....	....	....	5	164
Fourth Year	Boys	....	....	....	....	3
	Girls	....	....	....	....	....
Fifth Year	Boys	....	....	....	....	....
	Girls	....	....	....	....	....
Totals by Sexes	Boys	....	10	248	326	156
	Girls	....	5	103	206	276
Grand Totals	....	....	15	351	532	432

TABLE 44—FINANCIAL

Schools	Pupil-Days Attended	Expenditures	
		Current	Capital
Hamilton—Boys' Handicraft	47,775	$32,136	$ 81
Girls' do	20,306	13,472	130
Toronto—Boys' Special Industrial	98,212	92,578	12,976
Girls' do do (Groves)	48,941	53,065	242
Girls' do do (Bolton)	40,753	40,504	9,723
Totals and Averages	255,987	231,755	23,152

AUXILIARY SCHOOLS

TEACHERS, PUPILS, ETC., 1936-37

Year Classification of Full-Time Enrolment					Part-Time Enrolment	Beginners admitted during the year	Retirements during the Year while in				
1st Year	2nd Year	3rd Year	4th Year	5th Year			1st Year	2nd Year	3rd Year	4th Year	5th Year
107	117	16	......	......	......	146	39	83	16	....	....
55	37	13	......	......	......	65	11	30	10	....	....
246	185	117	33	......	2	281	49	79	127	43	29
112	81	92	2	......	22	168	2	....	116	6	2
77	69	104	......	......	......	133	2	10	93	....	....
597	489	342	35	......	24	793	103	202	362	49	31

OF FULL TIME PUPILS, MAY, 1937

16	17	18	19	20	21 and Over	Totals	Year Totals
7	2	....	1	....	....	353	597
1	1	....	....	....	....	244	
27	....	....	....	....	....	302	489
7	....	1	....	....	....	187	
6	1	2	2	2	1	133	342
36	4	....	....	....	....	209	
8	10	6	3	1	2	33	35
1	1	....	....	....	....	2	
....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....
48	13	8	6	3	3	821	
45	6	1	....	....	....	642	
93	19	9	6	3	3	1,463	....

STATISTICS, 1936

Legislative Grants	Local Levy	Cost of Education per Pupil-Day (Cents)					Debenture Debt
		Current	Capital	Total	Legislative Share	Local Levy Share	
$4,555	$29,502	67.26	.17	67.43	9.53	61.75	....
2,417	12,842	66.34	.64	67.98	11.90	63.24	....
21,158	95,774	94.26	13.21	107.47	21.54	97.52	132,996
7,562	54,203	108.42	.49	108.91	15.45	110.75	2,273
5,737	50,079	99.39	23.86	123.25	14.08	122.88	56,932
41,429	242,400	90.53	9.04	99.57	16.18	94.69	192,201

TABLE 45—Professional Certificates Issued by the Department of Education during the Calendar Year 1937

A—General

Training Schools	Student-Teachers Enrolled		Classification of Certificates										Grand Totals
			Public and Separate School				High School		Vocational School				
			*First Class		Second Class				Interim		Permanent		
	Intra mural	Extra mural	Interim	Perm.	Interim	Perm.	Interim	Permanent	Ordinary	Specialist	Ordinary	Specialist	
Ontario College of Education	373	101	23	....	....	....	303	....	....	....	....	....	326
Normal Schools	1,226	592	988	....	149	....	....	....	....	....	....	....	1,137
§Ontario Technical Training College	77	993	....	....	....	....	....	....	29	14	17	10	70
Interim Certificates Issued			1,011	....	149	....	303	....	29	14	....	....	1,506
Interim Certificates Made Permanent			....	654	....	184	....	405	....	....	17	10	1,270
Total Number of Certificates Issued			1,011	654	149	184	303	405	29	14	17	10	2,776

*Valid in Continuation Schools also, under certain conditions. 6 Vocational Principals' certificates were granted, in addition to the above Ordinary and Specialist.

B—Special

(1) One-Year Course

Subject	Elementary		Intermediate		Specialist	
	Int.	Perm.	Int.	Perm.	Int.	Perm.
Household Science	....	....	5	7	....	....
Manual Training	....	....	17	....	....	3
*Art	28	....	....	....	....	....
*Physical Culture	93	....	....	....	....	....
*Vocal Music	20	....	....	....	....	....

†Kindergarten 13.

*Taken at the Ontario College of Education.
†Taken at the Toronto Normal School.

(2) Summer School

Subject	Elementary	Intermediate & Supervisor	Specialist
Agriculture and Horticulture	615	75	....
Art	192	35	33
Commercial Subjects	45	....	33
Music—Vocal	489	156	7
—Instrumental	57	8	....
Physical Culture	86	34	68
Manual Training	69	....	....
Household Science	104	....	....

Auxiliary Class	120	Kindergarten-Primary	121
Education	1,381	Oral French	35
Farm Mechanics	21	Provisional High School Assistant	38
Health Teaching	206		

NOTE 1.—In addition to the above, 108 certificates in Elementary, Agriculture and Horticulture, 2 in Elementary Physical Culture, 5 in Elementary Art, and 4 in Intermediate and 1 in Elementary Household Science were granted on pro tanto standing.

NOTE 2.—During the year 86 High School Principals' Certificates, were granted, and the following numbers of interm certificates were made permanent:—512 Elementary, 78 Intermediate and Supervisors', 21 Auxiliary Class, and 52 Kindergarten-Primary.

C—Temporary

R.C. SEPARATE INSPECTORATES.—Divisions—II, 2; III, 7; IV, 4; V, 1; VII, I; XVIII, 5; XIX, 5; XX, 4; XXI, 4; XXII, 2.
PUBLIC DISTRICT INSPECTORATES—Division XII, Part III, 4.
PUBLIC COUNTY INSPECTORATES—Simcoe North 2; Prescott and Russell III, 1.

Total Temporary Certificates, 42.

TABLE 46—CLASSIFICATION OF SCHOOL CENTRES BY COUNTIES AND DISTRICTS, SEPT. 1937

The type of Secondary Schools is shown thus: Collegiate Institute (CI); High School (H); Continuation School (C); Technical School (T); Commercial School (Com); Composite (academic, commercial and technical) (ACT); Combined academic and commercial (AC); Combined Vocational (commercial and technical) (CT); Combined academic and vocational agriculture (A. Agr.); Combined academic and mining school (AM).
Senior Auxiliary Schools shown thus: (SA); Navigation Schools shown thus: (N).

COUNTIES	CITIES	TOWNS	INCORPORATED VILLAGES	OTHER CENTRES WHERE SECONDARY SCHOOLS ARE LOCATED
Brant	Brantford (ACT)	Paris (H)		Burford (H), Mount Pleasant (C), St. George (C), Scotland (C)
Bruce		Chesley (H), Kincardine (H), Southampton (C), Walkerton(H), Wiarton (H).	Hepworth (C), Lion's Head (C), Lucknow (H). Mildmay, Paisley (C), Port Elgin (H), Ripley (C), Tara (C), Teeswater (C), Tiverton (C)	Allenford (C).
Carleton	Ottawa (2 CI) (T) (Com.)	Eastview	Richmond (C), Rockliffe	Bowesville (C), Carp (C), Fitzroy Harbour (C), Jockvale (C), Kars (C), Kenmore (C), Kinburn (C), Manotick (C), Metcalfe (C), Nepean (H), North Gower (C), Pierce's Corners*(C)
Dufferin		Orangeville (H)	Grand Valley (C), Shelburne (H)	Honeywood (C), Laurel (C)
Dundas			Chesterville (H), Iroquois (H), Morrisburg (C.I.), Winchester (H)	Hallville (C) Morewood (H), South Mountain (C)
Durham		Bowmanville (H), Port Hope (H)	Millbrook (C), Newcastle (H)	Bethany (C), Blackstock (C), Orono (C)
Elgin	St. Thomas (CI) (CT)	Aylmer (H)	Dutton (H), Port Stanley, Rodney (C), Springfield (C), Vienna (H), West Lorne (C)	Belmont (C), Fingal (C), Port Burwell (C), Sparta (C)
Essex	Windsor (4 CI) (CT)	Amherstburg (H), Essex (H), Harrow (C), Kingsville (H), La Salle, Leamington (H), Riverside, Tecumseh.	Belle River, St. Clair Beach.	Comber (C), Pelee Island (C)
Frontenac	Kingston (CT) (N)		Portsmouth	Sydenham (H), Wolfe Island (C)
Glengarry		Alexandria (H)	Lancaster, Maxville (H)	Williamstown (H)
Grenville		Prescott (H)	Cardinal (C), Kemptville (H). Merrickville (C)	North Augusta (C), Spencerville (C)
Grey	Owen Sound (ACT)	Durham (H), Hanover (H), Meaford (H), Thornbury (C)	Chatsworth (C), Dundalk (H), Flesherton (H), Markdale (H), Neustadt, Shallow Lake	Feversham (C), Holstein (C)
Haldimand		Dunnville (H)	Caledonia (H), Cayuga (H), Hagersville (H), Jarvis (C)	Selkirk (C)
Haliburton				Haliburton (C), Minden (C), Wilberforce (C)
Halton		Burlington (H), Georgetown (H), Milton (H), Oakville (H)	Acton (C)	

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*Malakoff Continuation School

TABLE 46—CLASSIFICATION OF SCHOOL CENTRES BY COUNTIES AND DISTRICTS, SEPT. 1937

Counties	Cities	Towns	Incorporated Villages	Other Centres where Secondary Schools are Located
Hastings	Belleville (ACT)	Deseronto (H), Trenton (H)	Bancroft (C), Deloro, Frankford (C), Madoc (H), Marmora (H) Stirling (H), Tweed (H)	
Huron		Clinton (C.I.), Goderich (CI), Seaforth (CI), Wingham (H)	Blyth (C), Brussels (C), Exeter (H), Hensall (C)	Fordwich (C), Wroxeter (C)
Kent	Chatham (CI) (CT)	Blenheim (H), Bothwell (C), Dresden (C), Ridgetown (A.Agr.), Tilbury (C), Wallaceburg (H)	Erieau, Highgate (C), Thamesville (C), Wheatley (C)	Merlin (C), Paincourt (C)
Lambton	Sarnia (ACT)	Forest (H), Petrolia (H)	Alvinston (C), Arkona (C), Courtright, Oil Springs (C), Point Edward, Thedford (C), Watford (H), Wyoming (C)	Florence (C)
Lanark		Almonte (H), Carleton Place (H), Perth (AC), Smith's Falls (CI)	Lanark (C)	Pakenham (C)
Leeds		Brockville (AC), Gananoque (H)	Athens (H), Newboro, Westport (2C)	Delta (C), Elgin (C), Lansdowne (C), Lyndhurst (C), Mallorytown (C), Seely's Bay (C)
Lennox and Addington		Napanee (AC)	Bath (C), Newburgh (H)	Denbigh (C), Flinton (C), Odessa (C), Stella (C), Tamworth (C)
Lincoln	St. Catharines (ACT)	Grimsby (H), Merriton (H), Niagara (H)	Beamsville (A.Agr.), Port Dalhousie	Smithville (H)
Middlesex	London (3 CI) (CT)	Parkhill (H), Strathroy (CI)	Ailsa Craig (C), Glencoe (H), Lucan (H), Newbury, Wardsville (H)	Delaware (C), Dorchester (C), Ilderton (C) Lambeth (C), Lobo (C), Melbourne (C), Mt. Bridges (C), Thorndale (C)
Norfolk		Simcoe (ACT)	Delhi (C), Port Dover (H), Port Rowan (H), Waterford (H)	
Northumberland		Campbellford (H), Cobourg (CI)	Brighton (H), Colborne (H), Hastings	Castleton (C), Warkworth (C), Wooler (C)
Ontario	Oshawa (ACT)	Whitby (H), Uxbridge (H)	Beaverton (C), Cannington (C), Port Perry (H)	Brooklin (C), Claremont (C), Pickering (C), Sunderland (C)
Oxford	Woodstock (AC)	Ingersoll (CI), Tillsonburg (H)	Embro (C), Norwich (H), Tavistock (C)	Brownsville (C), Burgessville (C), Drumbo (C), Mt. Elgin (C), Otterville (C), Plattsville (C), Princeton (C), Thamesford (C)
Peel		Brampton (H)	Bolton (C), Port Credit (H), Streetsville (H)	Alton (C), Caledon East (C), Cooksville (C), Inglewood (C)
Perth	Stratford (AC)	Listowel (H), Mitchell (H), St. Mary's (CI)	Milverton (C)	
Peterborough	Peterborough (ACT)		Havelock (H), Lakefield (H), Norwood (H)	Ennismore (C)

TABLE 46—CLASSIFICATION OF SCHOOL CENTRES BY COUNTIES AND DISTRICTS, SEPT. 1937

COUNTIES	CITIES	TOWNS	INCORPORATED VILLAGES	OTHER CENTRES WHERE SECONDARY SCHOOLS ARE LOCATED
Prescott		Hawkesbury (2H), Vankleek Hill (CI)	L'Original	Plantagenet (H)
Prince Edward		Picton (AC)	Bloomfield, Wellington (C)	Consecon (C)
Renfrew		Arnprior (H), Pembroke (AC), Renfrew (ACT)	Barry's Bay, Braeside, Cobden (C), Eganville (2C), Killaloe	Beachburg (C), Chalk River (C), Forester's Falls (C), Westmeath (C)
Russell		Rockland (H)	Casselman	Cumberland (C), Embrun (H), Navan (C), Russell (C)
Simcoe		Alliston (H), Barrie (AC), Collingwood (C.I.), (N), Midland (H) (N), Orillia (CI), Penetanguishene (H), Stayner (C)	Beeton (C), Bradford (H), Coldwater (C), Creemore (C), Port McNicoll, Tottenham (C), Victoria Harbour	Cookstown (C), Elmvale (C), Lefroy (C), Minesing (C), Severn Bridge (C), Singhampton (C), Thornton (C),
Stormont		Cornwall (AC)	Finch (H)	Aultsville (C), Avonmore (H), Wales (C)
Victoria		Lindsay (C.I.)	Bobcaygeon (C), Fenelon Falls (C), Omemee (H), Woodville (C)	Kinmount (C), Little Britain (C)
Waterloo	Galt (A C T), Kitchener (ACT)	Elmira (H), Hespeler, Preston, (C), Waterloo	Ayr (C), New Hamburg (C)	New Dundee (C), Wellesley (C),
Welland	Niagara Falls (ACT) Welland (ACT)	Fort Erie (AC), Port Colborne (H), Thorold (H)	Chippawa, Fonthill, Humberstone	Pelham (C), Ridgeway (H), Stevensville (C), Stamford (AC)
Wellington	Guelph (ACT)	Harriston (H), Mount Forest (H), Palmerston (C)	Arthur (H), Clifford (C), Drayton (C), Elora (H), Erin (C), Fergus (H)	Rockwood (C)
Wentworth	Hamilton (2CI), (Com.), (T), (2 SA), (ACT)	Dundas (H)	Waterdown (H), Stoney Creek (H)	Lynden (C)
York	Toronto (10 CI), (3SA), (2T) (2 CT), (2 Com.)	Aurora (H), Leaside, Mimico (H), Newmarket (H), New Toronto, Weston (ACT)	Forest Hill, Long Branch (C) Markham (H), Richmond Hill (H), Stouffville (C), Sutton (C), Swansea, Woodbridge	(a) In York Twp. Runnymede (AC) Vaughan Rd. (AC) York Memorial (AC) (b) In East York Twp.: East York (AC) (c) In North York " Willowdale (AC) (d) In Scarboro " Scarboro (AC) (e) In Etobicoke " Etobicoke (H) Agincourt (C), Mt. Albert (C), Schomberg (C)

TABLE 46—CLASSIFICATION OF SCHOOL CENTRES BY COUNTIES AND DISTRICTS, SEPT. 1937

DISTRICTS	CITIES	TOWNS	INCORPORATED VILLAGES	OTHER CENTRES WHERE SECONDARY SCHOOLS ARE LOCATED
Algoma	Sault Ste. Marie (CI) (CT)	Blind River (C), Bruce Mines (C), Nesterville, Thessalon (H)	Hilton Beach	Hornepayne (C), Richard's Landing (C), White River (C)
Cochrane		Cochrane(H), Hearst, Iroquois Falls(H), Kapuskasing (H), Matheson, Smooth Rock Falls (C), Timmins (ACT)		South Porcupine (H), Schumacher (H)
Kenora		Dryden (H), Keewatin (H), Kenora (H), Sioux Lookout (C)		Red Lake (C)
Manitoulin		Gore Bay (H), Little Current (C)		Manitowaning (C), Mindemoya (C)
Muskoka		Bala, Bracebridge (H), Gravenhurst (H), Huntsville (H)	Port Carling, (C), Port Sydney, Rosseau, Windemere	MacTier (C), Milford Bay (C)
Nipissing	North Bay (ACT)	Bonfield, Cache Bay, Mattawa (H), Sturgeon Falls (H)		
Parry Sound		Kearney, Parry Sound (H), Powassan (C), Trout Creek	Burk's Falls (C), South River (C), Sundridge (C)	Sprucedale (C)
Rainy River		Fort Frances (AC), Rainy River (H)		Emo (C)
Sudbury	Sudbury (H) (T.)	Capreol (H), Chelmsford, Coniston (C), Copper Cliff, Frood Mine, Massey(C), Webbwood		Chapleau (H), Coniston (C), Espanola (C)
Timiskaming		Charlton, Cobalt (H), Englehart (H), Haileybury (AM), Latchford, New Liskeard (H)	Thornloe	Fraserdale (C) Kirkland Lake (H)
Thunder Bay	Fort William (CI) (CT) Port Arthur (CI) (CT)			Nipigon (C), Schreiber (C)

TABLE 47—INSPECTORS AND INSPECTORATES, AS OF DECEMBER 31, 1937

A—ELEMENTARY SCHOOLS

V. K. Greer, M.A., Chief Inspector, Public and Separate Schools	Parliament Buildings, Toronto.
J. D. Campbell, B.A., Assistant Chief Inspector, Public and Separate Schools	
J. B. MacDougall, B.A., D.Paed., Assistant Chief Inspector, Public and Separate Schools	
Neil McDougall, B.A., General Inspector, Public and Separate Schools	
Robert Gauthier, B.A., Ph.L., Director of French Instruction	
H. E. Amoss, B.A., D.Paed., Inspector of Auxiliary Classes	
L. Helen De Laporte, B.A., B.Paed., Assistant Inspector of Auxiliary Classes	
R. D. Keefe, B.A., Provincial School Attendance Officer	
G. R. Fenwick, Mus. Bac., Provincial Supervisor of Music	
N. Davies, B.A., Inspector of Agricultural Classes	

(1) Urban—Public

Inspectorate		Inspector	Address
Brantford,	City of	Russell Reid, B.A., B.Paed	Brantford.
Chatham,	do	H. A. Tanser, M.A., B.Paed., Superintendent of Schools	Chatham.
Hamilton,	City of	Frank E. Perney, B.A., B.Paed., Superintendent of Schools	Hamilton.
do	do	Jas. Gill, B.A., B.Paed	
do	do	E. T. Seaton, B.A., D.Paed	
Kitchener,	do	H. J. Prueter, B.A., D.Paed	Kitchener.
London,	do	G. A. Wheable, B.A., Superintendent of Schools	London.
do	do	J. C. Stothers, M.A., B.Paed	
Ottawa,	do	McGregor Easson, B.A., D.Paed., Chief Inspector	Ottawa.
do	do	Robert Westwater, B.A., B.Paed.	
Peterborough,	do	K. S. Wightman, B.A.	Peterborough.
Sarnia,	do	Henry Conn, B.A	Sarnia.
St. Catharines,	do	C. A. Brown, M.A., B.Paed	St. Catharines.
Toronto,	do	C. C. Goldring, M.A., D.Paed., Superintendent of Schools	Toronto.
do	do	W. E. Hume, B.A., D.Paed	
do	do	P. F. Munro, M.A., D.Paed	
do	do	A. G. Leitch, B.A., B.Paed	
do	do	G. W. McGill, M.A., D. Paed	
do	do	D. D. MacDonald, B.A., D.Paed.	
do	do	H. E. Cavell, M.A., B.Com., B.Paed	
do	do	A. W. R. Doan, M.A., D.Paed	
do	do	J. L. McCullough, B.A., B.Paed.	
Welland,	do	John Flower, B.A	Welland.
Windsor,	do	G. S. Campbell, B.A., Superintendent of Schools	Windsor.
do	do	A. R. Davidson, B.A.	

(2) County—Public

Inspectorate	Inspector	Address
Brant and Norfolk (in part); Town of Paris;	W. Joyce, B.A.	Brantford.
Bruce East; Grey (in part); Huron (in part); Towns of Chesley, Walkerton, Wiarton; Villages of Mildmay, Tara	J. M. Game, B.A., B.Paed	Walkerton.
Bruce, West; Towns of Kincardine, Southampton; Villages of Lucknow, Paisley, Port Elgin, Ripley, Teeswater, Tiverton.	G. C. Dobson, B.A., B.Paed	Kincardine.
Carleton; Town of Eastview; Villages of Rockcliffe Park, Richmond	T. P. Maxwell, B.A.	Ottawa. 39 Glen Ave.
Dufferin (in part); Peel (in part); Town of Orangeville; Villages of Grand Valley, Shelburne	A. F. Hansuld, B.S.A.	Orangeville.
Dundas; Grenville (in part); Villages of Cardinal, Chesterville, Iroquois, Morrisburg and Winchester	W. J. Stewart, B.A., B. Paed	Winchester.
Elgin East; City of St. Thomas; Town of Aylmer; Villages of Port Stanley, Springfield, Vienna	J. C. Smith, B.A.	St. Thomas.
Essex, North; Towns of Amherstburg, Essex, Harrow, Riverside, Tecumseh; Village of Belle River	D. M. Eagle	Windsor, 165 California Ave.
Essex, South; Kent (in part); Towns of Kingsville, Leamington, Tilbury; Village of Wheatley	W. L. Bowden, B.A.	Kingsville.
Frontenac, North, and Addington (in part)	T. R. McEwen, B.A., B.Paed	Sharbot Lake.
Frontenac, South (in part); and City of Kingston	F. P. Smith, M.A.	Kingston.
Frontenac, South (in part); Lennox (in part); Villages of Bath, Portsmouth	S. A. Truscott, M.A.	Kingston.
Glengarry (in part) and Prescott (in part); Town of Alexandria; Villages of Lancaster, Maxville	Z. S. Phimister, B.A., B.Paed	Alexandria.
Grey, East; Towns of Meaford, Thornbury; Village of Chatsworth	S. A. Morrison, B.A.	Meaford.
Grey, North, and Bruce, North; City of Owen Sound; Town of Wiarton; Villages of Hepworth, Lion's Head, Shallow Lake.	J. J. Wilson, B.A.	Owen Sound.
Grey, South; Towns of Durham, Hanover; Villages of Dundalk, Flesherton, Markdale, Neustadt	G. E. Pentland, M.A.	Hanover.
Haldimand (in part) and Wentworth (in part); Villages of Caledonia, Cayuga, Hagersville, Jarvis	J. L. Mitchener, B.A.	Cayuga.
Halton; Towns of Burlington, Georgetown, Milton, Oakville; Villages of Acton, Streetsville	James M. Denyes, B.A.	Milton.
Hastings, Centre; Villages of Deloro, Madoc, Marmora, Stirling, Tweed	A. W. McGuire, B.A.	Tweed.
Hastings, North; Renfrew (in part); City of Oshawa; Village of Bancroft	C. F. Cannon, B.A., B.Paed	Oshawa.
Hastings, South, and City of Belleville; Town of Deseronto; Village of Frankford	H. J. Clarke, B.A.	Belleville.
Huron, East; Towns of Clinton, Seaforth, Wingham; Villages of Blyth, Brussels	John Hartley	Clinton.
Huron, West; Town of Goderich; Villages of Exeter, Hensall	E. C. Beacom, B.A.	Goderich.
Kent, East; Elgin (in part); Towns of Bothwell, Ridgetown; Villages of Dutton, Rodney, Thamesville, West Lorne	A. B. Lucas, B.A., B.Paed	Chatham,
Kent, South; Towns of Blenheim, Dresden, Wallaceburg, Tilbury; Village of Erieau.	G. A. Pearson, B.A.	Chatham.
Lambton, East; Town of Petrolia; Villages of Alvinston Arkona, Oil Springs, Watford	J. J. Edwards, B.A.	Petrolia.

(2) County—Public

Inspectorate	Inspector	Address
Lambton, West; Town of Forest; Villages of Courtright, Point Edward, Thedford, Wyoming	H. B. Galpin, B.A., B.Paed	Sarnia.
Lanark; Towns of Almonte, Carleton Place, Perth, Smith's Falls; Village of Lanark	R. A. A. McConnell, B.A	Perth.
Leeds and Grenville (No. 1); Town of Gananoque; Villages of Newboro, Westport	James F. McGuire, M.A	Gananoque.
Leeds and Grenville (No. 2); Town of Brockville; Village of Athens	W C. Dowsley M.A	Brockville.
Leeds and Grenville (No. 3) and Lanark (in part); Town of Prescott; Villages of Cardinal, Kemptville, Merrickville	Gordon Young, B.A	Kemptville.
Lennox and Hastings, South (in part); Towns of Deseronto, Napanee; Village of Newburgh	M. R. Reid, M.A	Napanee.
Lincoln (in part); Towns of Grimsby, Merritton, Niagara; Villages of Beamsville, Port Dalhousie	Geo. A. Carefoot, B.A., B.Paed	St Catharines
Middlesex, East; Elgin (in part); Village of Lucan	D. G. Smith, B.A	London, 155 Thornton Ave.
Middlesex, West; Towns of Parkhill, Strathroy; Villages of Ailsa Craig, Glencoe, Newbury, Wardsville	J. H. Sexton, M.A	Strathroy.
Norfolk (in part); Town of Simcoe; Villages of Delhi, Port Dover, Port Rowan, Waterford	H. Frank Cook, B.A	Simcoe.
Northumberland (No. 1); Towns of Bowmanville, Port Hope; Village of Newcastle	E. E. Snider, B.A	Port Hope.
Northumberland, and Durham (No. 2); Town of Cobourg; Village of Millbrook	J. W. Odell, B.A	Cobourg.
Northumberland, and Durham (No. 3); Hastings (in part); Towns of Campbellford, Villages of Brighton, Colborne, Hastings, Stirling	A. A. Martin, B.A., B.Paed	Brighton.
Ontario, North, and York (in part); Town of Uxbridge; Villages of Beaverton, Cannington, Sutton West	T. R. Ferguson, M.A	Uxbridge.
Ontario South; Town of Whitby; Village of Port Perry	R. A. Hutchison, B.A	Whitby.
Oxford, North, and City of Woodstock; Villages of Embro, Tavistock	Geo. M. Mather, B.A	Woodstock.
Oxford, South, and Norfolk (in part); Towns of Ingersoll, Tillsonburg; Village of Norwich	J. W. Hagan, M.A	Ingersoll.
Peel (in part) and York (in part); Town of Brampton; Villages of Port Credit, Long Branch, Swansea	M. R. Fydell, B.A	Brampton
Perth, North, and Wellington (in part); Towns of Listowel, Mitchell; Village of Milverton	A. E. Nelson, B.A	Stratford.
Perth, South, and City of Stratford; Town of St. Mary's	G. N. Edwards, B.A., B.Paed	Stratford.
Peterborough, East; Villages of Havelock, Lakefield, Norwood	L. W. Copp, B.A., B.Paed	Peterborough.
Peterborough, West, and Victoria, East; Town of Lindsay; Villages of Bobcaygeon, Omemee	R. F. Downey, B.A. B.Paed	Peterborough.
Prescott and Russell, Part I and Carleton (in part); Towns of Hawkesbury, Rockland Vankleek Hill, Village of L'Original (Prot. Sep. Sch.)	C. B. Routley, B.A	Russell.
Prescott and Russell, Part II	F. Choquette, B.A	Ottawa, 121 Frank St.
Prescott and Russell, Part III, Village of L'Original (P.S.)	J. S. Gratton	Plantagenet.

(2) County—Public

Inspectorate	Inspector	Address
Prescott and Russell, Part IV; Glengarry (in part)	Joseph Lapensee, B.A.	Plantagenet.
Prince Edward; Town of Picton; Villages of Bloomfield, Wellington	C. E. Stothers, B.A., D.Paed	Picton
Renfrew, North; Town of Pembroke, Village of Cobden	Norman Campbell, M.A.	Pembroke.
Renfrew, South; Towns of Arnprior, Renfrew; Villages of Barry's Bay, Braeside, Eganville, Killaloe Station	Colin W. Lees, B.A., B.Paed.	Renfrew.
Simcoe, Centre; Towns of Barrie, Penetanguishene (Prot. Sep. Sch.)	W. R. McVittie, B.A.	Barrie.
Simcoe, East; Muskoka (in part); Towns of Midland, Orillia; Villages of Coldwater, Port McNicoll, Victoria Harbour	J. A. Gibson, B.A., B.Paed.	Orillia.
Simcoe, North; Town of Penetanguishene (P.S.)	H. J. Payette, B.A.	Chatham.
Simcoe, South; York (in part); Peel (in part); Town of Alliston; Villages of Beeton, Bolton, Bradford, Tottenham	W. H. Carlton, B.A., B.Paed.	Bradford.
Simcoe, West, Grey (in part); Dufferin (in part); Towns of Collingwood, Stayner; Village of Creemore	W. F. Smith, B.A., B.Paed.	Collingwood.
Stormont; Town of Cornwall; Village of Finch	James Froats, M.A., B.Paed.	Finch.
Victoria, West; Villages of Fenelon Falls, Woodville	E. W. Jennings, B.A.	Lindsay.
Waterloo, North; Towns of Elmira, Waterloo	H. E. Elborn, M.A., B.Paed.	Kitchener.
Waterloo, South; City of Galt; Towns of Hespeler and Preston; Villages of Ayr, New Hamburg	Lambert Norman, B.A.	Galt.
Welland, East; City of Niagara Falls; Town of Thorold; Village of Chippawa.	John W. Marshall, B.A.	Niagara Falls. 851 River Road.
Welland, South; Towns of Fort Erie, Port Colborne; Village of Humberstone	James McNiece, B.A.	Welland. 65 Bald St
Welland (in part); Lincoln (in part); Haldimand (in part); Town of Dunnville; Village of Fonthill	W. A. Marshall, B.A., B.Paed.	Welland, 18DennistounSt.S.
Wellington, North; Towns of Fergus, Harriston, Mount Forest; Palmerston; Villages of Arthur, Clifford, Drayton, Elora.	L. P. Menzies, B.A., B.Paed.	Fergus.
Wellington, South; City of Guelph; Village of Erin	G. G. McNab, M.A., D.Paed.	Guelph.
Wentworth; Town of Dundas; Villages of Waterdown, Stoney Creek	Jno. B. Robinson, B.A., B.Paed.	Hamilton, 153 Main St. W.
York (No. 1); Towns of Aurora, Newmarket; Villages of Markham, Woodbridge	R. H. Roberts, M.A.	Toronto, 2 Glen Elm Ave.,
York (No. 2); Towns of Mimico, New Toronto, Weston	J. E. Wilkinson, B.A., B.Paed.	Toronto, 12, 34 Chudleigh Ave.
York (No. 3)	W. A. Fydell, B.A., B.Paed.	Toronto, 8 Olympus Ave.
York (No. 4)	A. L. Campbell, M.A.	Weston.
York (No. 5)	W. W. A. Trench, B.A.	Richmond Hill.
York (No. 6); Town of Leaside; Villages of Forest Hill, Richmond Hill, and Stouffville	R. Gillies, B.A.	Toronto, 13, 41 Harris Ave.

(3) DISTRICT—PUBLIC

Inspectoral Division	Inspectorate	Inspector	Address
I	Kenora and Thunder Bay (in part); Towns of Dryden, Keewatin, Kenora and Sioux Lookout	S. Shannon, B.A.	Kenora.
II	Rainy River; Towns of Fort Frances, Rainy River	W. E. Eade, B.A., B.Paed.	Fort Frances.
III	Thunder Bay (in part); City of Fort William	L. J. Williams, B.A	Fort William.
IV	Thunder Bay (in part); City of Port Arthur	W. J. Judd, B.A.	Port Arthur.
V	Algoma (in part); City of Sault Ste. Marie; Village of Hilton Beach	D. T. Walkom, B.A	Sault Ste. Marie
VI	Algoma (in part); Nipissing (in part); Parry Sound (in part); Sudbury (in part); Towns of Capreol, Coniston, Copper Cliff	L. L. Skuce, B.A., B.Paed.	Sudbury.
VII, Part I	Algoma (in part); Sudbury (in part); City of Sudbury; Towns of Blind River, Frood Mine, Massey, Webbwood	O. M. MacKillop, B.A., B.Paed.	Sudbury.
Part II	Sudbury (in part)	L. Carrière, B.A.	Sudbury.
VIII	Algoma (in part); Manitoulin; Towns of Bruce Mines, Gore Bay, Little Current, Nesterville, Thessalon	N. R. Wightman, B.A.	Gore Bay.
IX	Cochrane (in part); Towns of Cochrane, Hearst, Smooth Rock Falls, Timmins.	W. F. Hiscocks, B.A.	Monteith.
X	Cochrane (in part), and Temiskaming (in part); Towns of Englehart, Iroquois Falls, Matheson	F. S. Rivers, B.A., B.Paed.	Kirkland Lake.
XI	Temiskaming (in part); Towns of Charlton, Cobalt, Haileybury, Latchford, New Liskeard; Village of Thornloe	W. L. Lovell, B.A.	Haileybury.
XII, Part I	Nipissing (in part) and Parry Sound (in part); City of North Bay; Towns of Cache Bay, Mattawa, Sturgeon Falls.	P. W. Brown, B.A.	North Bay.
Part II	Nipissing (in part)	L. Laplante, M.A.	Ottawa, 644 Cumberland Ave.
Part III	Nipissing (in part); Sudbury (in part)	C. Charron, B.A	Sturgeon Falls
XIII	Muskoka (in part); and Nipissing, South (in part); Parry Sound, East; Towns of Kearney, Powassan, Trout Creek; Villages of Burk's Falls, South River, Sundridge	J. R. Pickering, B.A., B.Paed.	North Bay
XIV	Muskoka (in part), and Parry Sound, West; Town of Parry Sound; Village of Rosseau	J. L. Moore, B.A.	Parry Sound.
XV	Muskoka (in part); Towns of Bala, Bracebridge, Gravenhurst; Villages of Port Carling, Windermere	G. S. Johnson, B.A	Bracebridge.
XVI	Haliburton and Muskoka (in part); Town of Huntsville	Albert Brown, B.A	Haliburton.

(4) Separate

Inspectoral Division	Inspectorate	Inspector	Address
I	Districts of Algoma, Kenora, Manitoulin, Rainy River, Sudbury (in part), Thunder Bay; Cities of Fort William, Port Arthur, Sault Ste. Marie (in part), Sudbury (in part); Towns of Fort Frances, Keewatin, Kenora, Little Current, Rainy River, Sioux Lookout	W. J. Greening, B.A., B.Paed.	Port Arthur, 288 Harrington Ave.
II	Districts of Nipissing (in part); Sudbury (in part); Cities of Sudbury (in part), Sault Ste. Marie (in part); Towns of Blind River, Chelmsford, Coniston, Massey	L. Carriere, B.A.	Sudbury, 10 Beech St.
III	District of Cochrane (in part); Towns of Cochrane, Hearst, Iroquois Falls, Smooth Rock Falls	R. Masse, B.A.	Cochrane, Court House.
IV	Districts of Nipissing (in part); Parry Sound (in part); Sudbury (in part); Towns of Bonfield, Cache Bay, Kearney, Sturgeon Falls	C. X. Charron, B.A.	Sturgeon Falls.
V	Districts of Cochrane (in part); Temiskaming (in part); Towns of Charlton, Cobalt, Haileybury, New Liskeard, Timmins; Village of Thornloe	R. R. Maurice, B.A.	Haileybury.
VI	Counties of Essex (in part); Lambton; Cities of Sarnia, Windsor (in part); Towns of Amherstburg, Essex, Leamington, Riverside (in part)	T. S. Melady, B.A.	Windsor, 1509 Dufferin Place
VII	County of Essex (in part); Cities of Windsor (in part); Towns of La Salle, Riverside (in part); Village of Tecumseh	A Gascon, B.A.	Windsor, 614 Mill St.
VIII	Essex (in part); Kent, Muskoka District; Simcoe Co. (in part); City of Chatham; Towns of Barrie, Blenheim, Collingwood, Midland, Orillia, Tilbury, Wallaceburg; Village of Belle River	H. J. Payette, B.A.	Chatham, 48 Robertson Ave.
IX	Counties of Bruce, Huron, Middlesex, Norfolk, Perth; Cities of London, Stratford, St. Thomas, Woodstock; Towns of Goderich, Ingersoll, St. Mary's, Seaforth, Walkerton, Parkhill; Villages of Mildmay, Teeswater	V. C. Quarry, B.A.	London, 293 Wolfe St.
X	Counties of Grey, Waterloo, Wellington; Cities of Brantford, Galt, Guelph, Kitchener, Owen Sound; Towns of Hanover, Hespeler, Mount Forest, Paris, Preston, Waterloo; Villages of Arthur, Elora, Fergus	J. C. Walsh, B.A., B.Paed.	Kitchener, St. Mary's Sch., Young St.
XI	County of Wentworth; Cities of Hamilton, St. Catharines; Town of Dundas	J. V. Scanlan, B.A.	Hamilton, 208 Holton Av., S.

(4) Separate

Inspectoral Division	Inspectorate	Inspector	Address
XII	Counties of Northumberland and Durham, Ontario, Peel, Peterborough, Victoria, York (in part); Cities of Niagara Falls, Oshawa, Peterborough; Towns of Campbellford, Cobourg, Lindsay, Merritton, Mimico, Newmarket, Oakville, Picton, Thorold, Trenton, Weston, Whitby; Villages of Hastings, Port Dalhousie	L. J. Langan, B.A.	Toronto, 325 Rose Park Dr.
XIII	City of Toronto (in part); York (in part); Villages of Forest Hill, Swansea	W. J. Lee, B.A.	Toronto, 434 Brunswick Ave.
XIV	City of Toronto (in part); York (in part)	J. M. Bennett, M.A., Ph.D.	Toronto, 47 Browning Ave.
XV	Counties of Frontenac, Hastings (in part); Glengarry (in part); Lennox and Addington, Stormont (in part); Cities of Belleville, Kingston; Towns of Alexandria (in part), Brockville, Cornwall (in part), Gananoque, Prescott; Villages of Chesterville, Marmora, Tweed, Portsmouth	C. P. Matthews, B.A., B.Paed.	Kingston, 98 William St. W.
XVI	Counties of Lanark, Leeds, Renfrew (in part); Nipissing District (in part); City of North Bay (in part); Towns of Almonte, Arnprior, Pembroke (in part); Perth, Renfrew, Smith's Falls; Villages of Barry's Bay, Eganville, Killaloe Station, Westport	J. T. Anderson, B.A.	Renfrew.
XVII	County of Carleton (in part); City of Ottawa (in part); Town of Eastview (in part)	F. J. McDonald, M.A., B.Paed.	Ottawa, 860 Echo Drive
XVIII	City of Ottawa (in part), Clarkstown	C. A. Latour, B.A.	Ottawa, 67 Osgoode St.
XIX	Counties of Carleton (in part); Renfrew (in part); Nipissing (in part); Cities of North Bay (in part); Ottawa (in part); Towns of Mattawa, Pembroke (in part)	L. Laplante, M.A.	Ottawa, 644 Cumberland Av.
XX	Counties of Carleton (in part); Dundas; Russell (in part); Stormont (in part); Town of Eastview (in part); Village of Casselman	F. Choquette, B.A.	Ottawa, 121 Frank St.
XXI	Counties of Prescott (in part); Russell (in part); Towns of Cornwall (in part); Rockland; Village of Lancaster	J. S. Gratton	Plantagenet.
XXII	Counties of Glengarry (in part); Prescott (in part); Russell (in part); Stormont (in part); Towns of Alexandria (in part); Hawkesbury; Vankleek Hill	Joseph Lapensee, B.A.	Plantagenet.

B—SECONDARY SCHOOLS

G. F. Rogers, B.A., LL.D.—Chief Inspector

Secondary School Inspectors

R. W. Anglin, M.A.
A. J. Husband, B.A.
W. A. Jennings, B.A.
A. G. Hooper, M.A.
J. P. Hoag, B.A.
S. D. Rendall, B.A.
R. H. Wallace, M.A.

Vocational School Inspectors

F. S. Rutherford, B.A.Sc.
Miss A. M. Hamill, B.A.
Miss A. W. Cameron, B.A.
Miss E. D. McKim, B.A.
L. S. Beattie, B.A.
A. M. Moon, B.A.Sc.
Norman Davies, B.A.

Address of above Secondary School Inspectors—Parliament Buildings, Toronto.

TABLE 48—PUBLICATIONS OF THE DEPARTMENT OF EDUCATION

Reports

1. *Report of the Minister*
2. *Report of Staffs of Public and Separate Schools*
3. *Report of Staffs of Collegiate Institutes, High Schools, Continuation Schools, Vocational Schools, Normal Schools and Normal-Model Schools*
4. *Report of the Committee of Enquiry into the Cost of Education in the Province of Ontario (1938)*
5. *Sixth Report of the Actuary on the Condition of the Teachers' and Inspectors' Superannuation Fund (1937)*

Acts*

1. *The Department of Education Act (1934)*
2. *The Public Schools Act (1936)*
3. *The Separate Schools Act (1936)*
4. *The High Schools Act (1938)*
5. *The Continuation Schools Act (1938)*
6. *The Vocational Education Act (1930)*
7. *The School Attendance Act (1938) and The Adolescent School Attendance Act (1938)*
8. *The Boards of Education Act (1938)*
9. *The School Sites Act (1934)*
10. *The Auxiliary Classes Act (1936)*
11. *The Public Libraries Act (1928)*
12. *The University Act (1928)*
13. *The School Law Amendment Acts (1936) (1937) (1938)*
14. *The Community Halls Act (1927)*
15. *The Teachers' and Inspectors' Superannuation Act (1936)*

Regulations

1. *General Regulations, Public and Separate Schools (1937)*
2. *Regulations of the High Schools and Collegiate Institutes (1938)*
3. *Regulations of the Continuation Schools (1938)*
4. *Recommendations and Regulations for the Establishment, Organization, and Management of Vocational Schools, and Vocational Departments in Continuation Schools, High Schools and Collegiate Institutes (1936)*
5. *Regulations, Examinations, and Courses of Study of the Normal Schools (Cir. 23)(1938)*
6. *Special Regulations and Courses of Study of the University of Ottawa Normal School (Cir. 23-B) (1938)*
7. *Extracts from the Statutes for Use in the Normal Schools (1936)*
8. *Regulations for the Administration of the Consolidated Schools (Cir. 40) (1935)*
9. *Regulations for Auxiliary Classes (Cir. A.C. 6) (1937)*
10. *Regulations respecting the Application of the School Attendance Act and the Adolescent School Attendance Act (Cir. A.A. 1) (1932)*
11. *Suggestions to Attendance Officers (Cir. A.A. 5) (1930)*
12. *Regulations respecting Medical and Dental Inspection of Public and Separate Schools (Cir. 56-D) (1928)*
13. *Instructions to School Inspectors re the Apportionment of the Legislative Grant among the Public and Separate Schools (Instr. 12) (1938)*
14. *Regulations respecting Special Departmental Grants to Public and Separate Schools (Cir. 56) (1936)*
15. *Regulations respecting Special Departmental Grants in Agriculture for Public and Separate Schools (Cir. 56-E) (1936)*
16. *Regulations for Inspectors' Certificates (Cir. 37) (1936)*
17. *Instructions to Presiding Officers and Candidates regarding the Annual Departmental Examinations (Instr. 5)*
18. *Regulations of The High School Entrance Examination (Cir. 48)*

*Price 25c. each.

PUBLICATIONS OF THE DEPARTMENT OF EDUCATION—*Continued*

Regulations—*Continued*

19. *General Regulations for Teachers' Institutes (Cir. 60) (1930)*
20. *Regulations respecting Permanent Certificates (Kindergarten-Primary, Second Class, First Class) (Cir. 72) (1938)*
21. *Recommendations and Regulations for the Establishment, Organization and Management of Manual Training Courses in the Collegiate Institutes, High, Continuation, Public and Separate Schools (1936)*
22. *Recommendations and Regulations for the Establishment, Organization, and Management of Manual Training Courses in Public and Separate Schools (1938)*
23. *Recommendations and Regulations for the Establishment, Organization, and Management of Home Economics Courses in Public and Separate Schools (1938)*
24. *Recommendations and Regulations for the Establishment, Organization, and Management of Home Economics and Manual Training General Shop Courses in Secondary Schools and in Grades IX and X of the Public and Separate Schools (1938)*
25. *Regulations relating to Subjects of Study for Grades IX and X (Lower School and Fifth Classes) in Collegiate Institutes, High, Vocational and Continuation Schools and Public and Separate Schools (1938)*

Courses of Study

1. *Programme of Studies for Grades I to VI of the Public and Separate Schools (1938)*
2. *Programme of Studies for Grades VII and VIII of the Public and Separate Schools (1938)*
3. *Courses of Study for Grades IX and X (Lower School and Fifth Classes) in Collegiate Institutes, High, Vocational, and Continuation Schools, and Public and Separate Schools (1938)*
4. *Courses of Study, Middle and Upper School, and Examinations of the High Schools, Collegiate Institutes and Continuation Schools (1938)*
5. *Suggested Courses of Study for Commercial High Schools and Departments established under the Vocational Education Act (1932)*
6. *Courses of Study and Examinations in Schools Attended by French-Speaking Pupils (Cir. 46) (1938)*
7. *Courses in Agriculture for Public and Separate Schools (Cir. 56-F) (1935)*
8. *History Course for Grade VII of the Public and Separate Schools (1937)*
9. *Music in Rural Schools (1937)*
10. *An Introductory Course in Music Appreciation through Listening, for Elementary Schools (1938)*
11. *Operettas, Music Plays, Cantatas (1938)*

Text Books

1. *Text Books Authorized and Recommended, and Text Book Regulations for Public, Separate, Continuation and High Schools and Collegiate Institutes (Cir. 14) (1938)*
2. *Text Books Authorized and Approved for Vocational Schools (Cir. 52) (1938)*
3. *Supplementary Reading for Departmental Examinations (Cir. 58) (1938)*
4. *Suggested Books for Supplementary Reading in English Literature, Grades IX and X (1938)*
5. *Suggestions for Teachers of Latin in the Use of the Ontario High School Latin Book for Teaching the new Grade X and XI Courses (1938)*
6. *Teachers' Manuals, etc. (1937)*
7. *Upper School Requirements in Modern Languages (Cir. 69) (1936)*
8. *A Graded List of French Supplementary Reading Books (Prepared for Schools which are Attended by French-Speaking Pupils, and in which French is a Subject of Instruction with the Approval of the Minister)*

Miscellaneous

1. *General Announcement of Summer Courses*
2. *School Year and Holidays (Form 94)*
3. *Bible Readings for Schools (3 Volumes)*
4. *Selected Scripture Readings*
5. *Teachers' Library for Rural Public and Separate School Teachers (1938)*
6. *Health Handbook for Teachers in Public and Separate Schools (1938)*

PART III

REPORT

OF THE

Committee of Enquiry into the Cost of Education

IN THE

Province of Ontario

For purpose of reference, page numbering of the original Report has been retained in the following Appendix

LETTER OF TRANSMISSION

The Hon. L. J. Simpson, M.B., LL.D.,

Sir,

I have the honour to submit herewith the Report of the Committee appointed to enquire into the cost of education in the Province of Ontario. Since the conclusion of the public meetings of this Committee, much information has been obtained from the records of the Department of Education relating to the questions submitted to the Committee. From time to time, informal, interim reports have been made dealing specifically with subjects contained in the reference. The report now submitted is the final report, containing the conclusions reached by the Committee and the recommendations which it has thought wise to make.

I have the honour to be, Sir,

Your obedient servant,
Duncan McArthur,
Chairman, Committee of Enquiry.

Toronto, March 25th, 1938.

REPORT OF THE COMMITTEE OF ENQUIRY INTO THE COST OF EDUCATION IN THE PROVINCE OF ONTARIO

I. INTRODUCTION

The subjects to which the Committee was instructed to direct its enquiry were the following:

1. The cost to the Province and to the local municipalities of the education provided in the primary and secondary schools of the Province.
2. The methods employed to obtain the revenue necessary to pay the cost of such primary and secondary education.
3. The equity of the distribution of the burden of taxation levied for school purposes as between different forms of property and as between the several municipalities and areas forming units for purposes of taxation.
4. The equity of the distribution of the cost of education as between the Province, the county, the local municipality, and the school section or district.
5. The adequacy of the existing units of administration for school purposes.
6. The adequacy of the existing system of Provincial grants for the various types of both primary and secondary education.
7. Consideration of the best means of providing for the cost of school buildings and permanent improvements.
8. The cost of special vocational training and of the training of teachers for primary and secondary schools, and the cost of the inspection of such schools.
9. Any other matter relating to the cost of primary and secondary education not specified above.

The Committee held twenty-four sessions in the following places: Toronto, Hamilton, Ottawa, Cornwall, Kingston, Port Arthur, Fort William, Sudbury, North Bay, Stratford, London, Windsor, and Peterborough. Notice of the public meetings of the Committee was given in the press, and an invitation to attend the meetings was extended to those who desired to make submissions to the Committee relating to the subjects of enquiry. Members of the Committee were much impressed by the interest manifested in the problems associated with education in all the centres at which meetings were held, and, in particular, by the careful consideration which had been given to these problems by members of boards of education, school trustees, and members of county councils. The Public and Separate School Inspectors of the Province gave the Committee most valuable information relating to the elementary schools of their inspectoral districts as well as the opinions which they had formed as a result of their observation of the operation of the elementary school system.

The Committee decided to supplement the information obtained at the public meetings by statistical data relating to the cost of elementary and secondary education, furnished by county and township clerks and Public and Separate School Inspectors. Through the co-operation of these public officials, there was placed at the disposal of the Committee valuable information which could not have been obtained by any other means.

The Committee decided to make an intensive study of the cost and methods of financing public, separate, and secondary schools in certain areas which it was considered would present the various types of problems to be found throughout the Province as a whole. These areas are as follows:

(a)	Counties:	Carleton, Dufferin, Hastings, Lincoln, Middlesex, Prescott and Russell, Prince Edward, Simcoe, and York.
(b)	Districts:	Four Townships—to include two organized and two unorganized townships in each of the public and separate school inspectorates.
(c)	Urban Centres:	Cobalt, Hamilton, Oshawa, Ottawa, Peterborough, Port Arthur, St. Thomas, Sudbury, Timmins, and Woodstock.

Minutes of each meeting of the Committee were taken by Mr. J. D. Campbell, the Secretary of the Committee. These minutes, which are attached to this Report, as Appendix A, do not contain a verbatim report of the statements made before the Committee, but indicate in a general manner the content of the information submitted to the Committee. A summary of this information is annexed to this Report as Appendix B.

The plan adopted in the preparation of this Report is to present, first, an analysis of the information submitted to the Committee, secondly, an examination of this evidence in the light of the further information obtained from municipal and other officials and from the records of the Department of Education, and, thirdly, the conclusions and recommendations of the Committee.

II. AN ANALYSIS OF THE EVIDENCE SUBMITTED TO THE COMMITTEE

This evidence may properly be divided into three categories indicating the subjects considered: (a) General, (b) Secondary Education, i.e., that of High Schools and Collegiate Institutes, Vocational Schools and Continuation Schools, (c) Elementary Education, i.e., that of Public and Separate Schools.

(a) General

Such criticism of the cost of education in general as was presented to the Committee was directed to the following features of the educational system: (1) The increase in the burden of taxation attributable to the support of education; (2) the unequal distribution of the cost of education between (a) urban and adjoining suburban areas, and (b) urban and rural municipalities; (3) the unequal distribution of the cost of education between real estate and other forms of property; and (4) the relatively small contribution made to the support of education by the Province. Associated with these criticisms was the conviction that inequalities in the burden of taxation made it practically impossible to provide equal opportunities for education to children residing in different sections of the Province.

The impression was created that complaints regarding the high cost of education which came from urban centres were prompted to a greater degree by a desire to reduce the total burden of taxation than by a conviction that an adequate return was not being obtained from the expenditures being made for education. At a time when municipal expenditures were being increased, particularly by reason of the burden imposed by unemployment relief, it is but natural that municipal councils should seek to reduce the cost of other public services, including education, as a means of preventing an unnecessary increase in the tax rate. Inasmuch, further, as the burden of municipal taxation has been placed largely on real estate, protests growing out of the imposing of a high tax rate have been directed to a system of financing public services which has made it necessary for real estate to assume what is deemed to be an unfair share of the load of taxation.

The representations made to the Committee regarding the inequality in the distribution of the cost of education between urban and rural municipalities related particularly to the cost of education of secondary school pupils residing in rural municipalities and attending urban schools. It was suggested, further, that too great a portion of the burden of capital expenditures for secondary schools was transferred to the residents of rural municipalities, who, by reason of their remoteness from urban centres, were unable to take the same advantage of facilities for secondary school education as could those residing nearer to the centres at which the schools were located. This phase of the problem will be considered more fully in connection with the representations made regarding secondary education.

Complaints regarding inequality in the distribution of the cost of education have arisen chiefly in areas where different types of property have been associated together in the maintenance of schools. Particularly has this been true when farm lands have been combined with small urban centres in the same unit of taxation. Difficulties have arisen in the determination of an equitable basis for the assessment of properties of different types. The assessment of a hundred-acre farm in close proximity to a village, for example, has been as great as that of several residences in the village. From the standpoint either of ability to pay or of the benefits derived, it would be difficult to justify the imposition of the same burden of taxation on a single farm and on several village properties. Complaint was made to the Committee that, while in determining the basis of assessment for urban properties income and business "turn-over" were considered, the taxes paid by a farmer were fixed by the amount of his capital, regardless of the extent of his earnings. This condition, as well as the existence of distinct differences in the methods of assessing property in adjoining townships and in adjoining counties, prompted suggestions made to the Committee that a Province-wide equalization of assessments is essential to an equitable distribution of the cost of education.

The attention of the Committee was directed to the great differences in the tax rates for school purposes in neighbouring school areas. In these instances the educational services provided were practically of the same extent and quality, and the methods of assessment were uniform. The differences in the tax rate were due to wide differences in the value of the assessable property available for the support of education. This defect, in turn, was attributed to the organization as school areas of districts which, if they did not originally, came subsequently to consist of taxable properties of widely different value. In many such cases the original definition of the boundaries of school areas may have been defective in providing a financial foundation too narrow to support the structure of taxation, while in other instances subsequent changes in the value of property have altered materially a scheme of taxation which may have been adequate originally. Examples of this type of problem are found in the older settlements of central and western Ontario, but more particularly in the mining and other "single-industry" districts of Northern Ontario, where the completion of the life span of an industry has effected serious changes in the value of property and the sources of taxation.

As a solution of this type of problem, suggestions were made to the Committee of some form of redistribution of school areas with a view to enlarging the basis of taxation to include all districts served by the educational system. Associated with this were suggestions of the wisdom of creating larger units of administration as a means, not only of the spreading of the cost of education more uniformly, but of effecting economies in the operation of schools.

A special condition of a kindred character which has accompanied the growth of several of the cities of the Province was brought to the attention of the Committee, especially in relation to the suburban areas adjoining the cities of Toronto, Ottawa, St. Catharines, Windsor, Peterborough, and London. The increase of population in these cities has involved an extension of settlement beyond the boundaries of the city into adjoining township municipalities. Two distinct types of problems have developed from these conditions. In certain instances the overflow from the city has taken the form of the migration of persons in receipt of incomes distinctly above the average who are seeking residences with more extensive grounds than could ordinarily be obtained in the city and with the advantages associated with living in the country. Lower land values, the imposition of building restrictions—which would ensure the formation of an "exclusive" community—and the prospect of low assessment and taxation have contributed to the relatively rapid growth of a special type of suburban residential area. The formation of such a district, located within a township municipality, possessing a high assessment relative to that of farm lands and relative to its population, has resulted in the creation of a different type of property from the agricultural land of the township. These areas frequently cut across the boundaries of school sections and create a diversity of interest between the rural and the suburban population. The relatively high assessment and the ability to pay taxes associated with such a district make it an attractive source of revenue to the township. Such conflict of interest as develops usually takes the form of a desire on the part of the township to employ the resources of the suburban area for purposes of taxation, and the desire of the suburban area to maintain a separate and independent existence and to provide a type of education more costly than that desired by the rural areas.

More frequently, however, the extension of settlement beyond the boundaries of the city has been due to the migration of wage-earners in search of cheap houses. This type of movement has resulted in the rapid development of thickly populated districts with houses assessed definitely lower than the average assessment of similar houses within the city. The birth-rate in such areas has been higher than the average, usually, and the demand for educational facilities has been urgent. Because the population belongs largely to the wage-earning class, its ability to pay taxes is dependent on conditions of employment within the city. This type of district, as is illustrated in the cases of the suburban areas adjoining the cities of Toronto and Windsor, was among the first to suffer from the decline of employment in the late 1920's. Here the burden of unemployment relief became greatest, at a time when the necessity for providing facilities for education became most acute and the ability to pay taxes had reached a minimum. Again, the combination of two distinct types of property within the limits of a rural township organization has created a problem of special difficulty. Where these conditions prevail the township and the school section have been required to assume a burden beyond the capacity of their resources. It was represented to the Committee most effectively that the children of parents living in these suburban areas were placed under a severe handicap in their efforts to obtain an education. The solution of this problem suggested to the Committee involved the separation of the urban areas from the agricultural areas of townships adjoining cities and the annexation of such urban areas to the cities.

Several suggestions were made to the Committee looking to a reduction in the total cost of education. The proposal was made by several persons who appeared before the Committee that attendance, and thereby costs, might be reduced by refusing to admit to school children under six years of age and by reducing the age of compulsory attendance from sixteen to fifteen years. Objection was taken, likewise, to the right claimed by parents of sending children to a secondary school when grave doubts existed regarding the ability of such children to derive benefit from the training provided. To reduce the attendance of that type of student, it was proposed that fees should be charged for admission to the senior grades of the secondary school, or that fees should be charged for "repeaters", which is another method of requiring that free education should be made dependent on a proper application to the work of the classroom and on evidence of a reasonable progress.

A further suggestion was made that expenditures proposed by local boards of trustees or by boards of education might be reduced if municipal councils were given the power to modify the estimates submitted by the educational authority. Members of boards of education, on the other hand, contended that their election as trustees by the ratepayers of the municipality placed on them a definite responsibility for the management of educational affairs. A request was made to the Committee that it should recommend that provision be made for the appointment of a board of independent arbitrators to settle disputes which might arise between municipal councils and boards of education relating to the amount of money which should be raised for educational purposes.

Various suggestions were made to the Committee with a view to reducing the burden of taxation on real property by discovering new sources of revenue. The imposition of special taxes on corporations was proposed, and, with a general agreement approaching unanimity, the increase in Provincial grants for purposes of education was urged upon the Committee.

(b) Secondary Schools

Much of the criticism of the cost of education which was submitted to the Committee was directed to the system of secondary education. Suggestions were made to the Committee that unwarranted expenditures had been made with respect to two items of cost, namely, the cost of school buildings and the amount of teachers' salaries. Statements were made that urban boards of education, in particular, had incurred unnecessary expenditures in the construction of secondary schools. Such criticism was directed, not to the extent of the accommodation provided, but to the quality of the construction and to the provision of "frills", such as swimming pools and unnecessarily elaborate equipment.

Criticism of the salaries paid to secondary school teachers was not extensive. The fact that such salaries had been reduced generally throughout the Province, in many instances by more than thirty per cent., was recognized. The contention was made, on the other hand, that the salaries of secondary school teachers were too high in comparison with the salaries of public school teachers, and that the reductions which had been made were not as extensive as the reduction in the earnings of the average ratepayer.

It was suggested to the Committee that school boards should not be compelled to provide instruction for pupils either below or above the age of sixteen whose records in the secondary school indicated clearly that they were deriving little, if any, benefit from their studies. The vesting in some authority of the right to determine whether a particular pupil should be permitted to continue in attendance at a secondary school was urged on the Committee. The contention was made that the right to attend at least the senior grades of a secondary school should not be granted automatically, but should be determined on the basis of the previous record of the student. If a selection were made of the pupils to be admitted to the secondary school, or at least to the senior grades, the total attendance could be reduced, and a consequent reduction effected in the cost of education.

The Committee was asked to consider the wisdom of authorizing boards of education to charge fees for pupils attending the grades beyond the Lower School, that is, for the work of the third, fourth, and fifth years. A modification of this proposal was made in the suggestion that fees might be charged those students who were repeating the work of the previous year.

With a view to avoiding the necessity of undertaking new capital expenditures for the provision of accommodation for secondary school students, it was suggested to the Committee that the "staggered" organization of classes might be adopted more widely than it is at the present time. The purpose of this plan is to provide additional accommodation through a greater use of school buildings by extending the number of hours during which instruction is given each day. As the system is operated in the Central Collegiate Institute in London, twelve periods of instruction are provided in each school day. All students of the first year are given group time-tables, and students of subsequent years are given individual time-tables. The claim was made by Principal Miller of the London Central Collegiate Institute that the accommodation of the school building had been increased by over eighty per cent. Principal Miller contended that the scheme was more than a device for the saving of money, and that it possessed advantages of distinct educational value in reducing retardation, in reducing the amount of school work to be done at home, and in compelling the student to assume a larger measure of responsibility in connection with his own work.

The suggestion most frequently made to the Committee of a means for the reduction of the cost of secondary education was a reorganization of the courses of study in such a manner as to place the first year, or the first and second years, of secondary school work in the panel of the elementary school. This proposal was based on the assumption that the cost of instruction in Fifth Classes of a public school, even if greater than that of the higher grades of the public school, would be distinctly less than that of the lower grades of the secondary school. Inasmuch as the attendance in the first two years of the secondary school is greater than in subsequent years, the withdrawal of these pupils would make it possible to effect a substantial reduction in the total cost of education.

The experience of the Board of Education of Kitchener was quoted in support of this proposal. In that city, all pupils undertaking the work of the first year of the secondary school, except those proceeding to commercial or technical courses, receive their instruction in the elementary school at a cost of $75.00 per pupil, which is substantially lower than the cost per pupil in the secondary school. In the City of Ottawa, five public schools centrally located provide instruction for the Entrance classes. The work of these schools is organized on the rotary plan, and instruction is given by teachers specially qualified in the several subjects. The opinion was expressed by Dr. J. H. Putman, Senior Public School Inspector for Ottawa, that this work was being done in a satisfactory manner, and that the public schools of the city were capable of providing accommodation for pupils undertaking the work of the first two years of the secondary schools. In his judgment the work of these grades could be offered under more favourable conditions in the elementary schools than in the collegiate institutes.

It is significant that criticisms of the cost of secondary education have been accompanied by suggestions regarding changes deemed desirable in the courses of study pursued in secondary schools. Criticism was presented to the Committee of the emphasis placed on the so-called academic subjects, and suggestions were made that more extensive facilities should be provided for a type of training designed to equip young people more adequately to undertake the practical responsibilities of the positions they will occupy on leaving school. Emphasis was placed especially on the advantages to be gained from providing compulsory training in Home Economics for a period of two years for all girls enrolled in secondary schools. Of almost equal importance, it was suggested, was the provision of Manual Training for boys, not necessarily of a vocational character, but of a nature to enable them to discover the extent of their skills in the manual crafts. The introduction, likewise, of more extensive courses in Agriculture in secondary schools serving rural communities was urged upon the Committee. In particular, the extension to other parts of the Province of the type of course in Agriculture now provided in the Ridgetown High and Vocational School was suggested as likely to be of definite benefit to rural communities and as tending to ensure a greater equality in the educational opportunities afforded to rural and urban children.

It must be observed, however, that changes of this character, as a rule, involve an increase in the cost of education, inasmuch as the courses of study desired involve the use of more expensive equipment than is required for the academic courses. The inference may be made, therefore, that the interest of the public is not directed to the cost of education alone but to the character and extent of the benefits derived from education.

Another feature of the cost of education to which the attention of the Committee was directed was the difference in the cost per pupil in secondary schools located within the same county. In the Counties of Leeds and Grenville, for example, the cost of secondary education varied from 26.2 cents to 99 cents per pupil per day. Complaint was made that taxpayers residing in one section of the county and sending their own children to a secondary school with a relatively low cost per pupil were compelled to contribute to the cost of education of children residing in another part of the county attending a secondary school where the cost per pupil was much higher. These differences in cost were found to be due in large measure to differences in the debenture indebtedness of the respective schools. The cost of construction of many of the older schools had been paid entirely or was represented by a very small annual payment, whereas the cost of newer schools, constructed at a time when the cost of building was relatively high, was represented by a much larger annual payment on account of debentures.

Another factor entering into the differences in the cost of secondary education within the same county is the difference in salaries paid to teachers—the salaries being paid in cities being distinctly higher than those paid in towns and villages. The suggestion was made to the Committee, both by school trustees and by teachers' organizations, that definite schedules of salaries should be introduced, based on the qualifications and experience of the teachers.

The criticism of the system of secondary education presented to the Committee most frequently related, not primarily to the total cost or the cost per pupil, but to the inequitable distribution of the cost between different groups of ratepayers. Complaints of this character were related to two different situations.

One group was concerned with the differences in mill rate in adjoining areas required for the provision of educational services broadly similar in character. The other group related to differences in the benefits derived by persons residing in different parts of the same county from a tax imposed uniformly throughout the county. In the first case the services rendered were equal in character, but the cost to individual ratepayers differed widely; in the second case the costs to the ratepayer were the same, but the services rendered were different.

The cause of complaint by reason of great differences in the mill rate was generally attributed to differences in assessment, and these, in turn, either to differences in the extent of the territory forming the unit responsible for the maintenance of the school, or, as occurred more frequently, to differences in the character of the taxable property in the respective areas of administration. This situation has already been discussed. The remedy proposed was such modification, or extension, of the boundaries of secondary school areas as would provide property of sufficient value to support the burden of taxation required to provide the necessary educational facilities without imposing an intolerably high mill rate.

The second complaint related particularly to the method of payment of the cost of education of secondary school pupils residing in a county, but not in a secondary school district, and who attended a secondary school located in a village, town, or city, within the county. It was represented to the Committee that the residents of areas adjoining the urban centre in which the secondary school was located enjoyed opportunities for sending their children to school which were denied to those who resided at a greater distance from the school, but that the cost of education of all county pupils was distributed equally, according to the relative assessment of each municipality, on all the ratepayers of the county regardless of their place of residence. The Township of Dover, in the County of Kent, was quoted as an example of a township which possessed no secondary school, but was obliged to pay, according to its assessment, equally with other townships in the county the cost of educating all county pupils. Slightly different was the case of the Burford High School District, which educated no county pupils but paid the cost of educating its own secondary school pupils, and, likewise, contributed to the cost of educating county pupils attending other secondary schools.

Another feature of the method of paying the cost of secondary education in counties to which objection was taken was the system of "rebates". In raising the money necessary to pay the cost of secondary education in the county a levy was made on the urban centres not separated from the county in which a secondary school was located, even though the urban municipality paid the cost of educating its own pupils. In the next succeeding year, a rebate was paid to this urban high school board of an amount equivalent to its share of the cost of education of county pupils attending schools in municipalities not separated from the county. This system, it was contended, operated to the disadvantage of the rural sections of the county.

Much criticism was directed to the method of providing for the cost of rural continuation schools. These schools obtained a grant from the township, based, in part, on the salaries paid the teachers, a grant from the county, based on the township grant, and were paid, likewise, for the education of pupils residing outside the continuation school section. In cases in which continuation schools were being operated by the trustees of a single public school section, it frequently occurred that the cost of maintaining the continuation school was provided without any tax whatever on the ratepayers of the school section. The grants obtained from the township, the county, and the Province, together with the moneys received for the education of county pupils, made it possible for such continuation school boards to accumulate ever-increasing surpluses and to require no payment from the ratepayers of their own school section.

To remove these inequalities in the distribution of the cost of education of county pupils in secondary schools, the following suggestions were made: (1) That every part of a county should be included within a secondary school district; (2) that each secondary school district be made responsible for the education of its own pupils, and be exempt from the payment of any part of the cost of education of county pupils; (3) that the municipalities in which county pupils resided should bear a larger portion of the cost of their education in secondary schools; (4) that the payment of a grant by the township to continuation schools for teachers' salaries should be discontinued.

The question of the best method of providing for the administration of county secondary schools was discussed frequently before the Committee. A diversity of opinion was manifested—some preferring to retain the existing system, others favouring a township board, and still others advocating the creation of county boards. Those favouring the larger unit of administration saw the possibility of obtaining a more equitable distribution of the cost of education, and the opportunity for effecting economies in the purchase of supplies, but, particularly, the possibility of eliminating unnecessary duplication in equipment and services.

That the contribution made by the Province to the support of secondary education is relatively small was brought to the attention of the Committee frequently. The request was made at all its public meetings that the Province should increase its grant for this purpose. The basis on which the grant was computed was, likewise, subjected to criticism, and the suggestion was made that consideration should be given to the ability of the local community to provide facilities for secondary education. The request was made that the Provincial grant should be adjusted in large measure to the need of the local community.

Little criticism was presented to the Committee of the work being done by the vocational schools of the Province. The observation was made, however, that the defects of the system of payment of the cost of education of county pupils, to which reference has already been made, were still more patent in cases in which county pupils attended a vocational school. Not only was the cost of education per pupil higher, but the fact that vocational schools were provided only in the larger urban centres aggravated the differences in opportunities for obtaining training in a vocational school enjoyed by the districts located close to the school and those more remote from it. The limited number of vocational schools thus made it more difficult for pupils residing in the remote parts of the county to obtain the advantage of the special type of training afforded by such schools. This condition, it was represented, demonstrated still more effectively the unfairness of the method of paying the cost of education of county pupils by distributing it equally over the entire county. The suggestion was made in this connection that county pupils attending vocational schools should be required to pay fees equal to half of the cost of their education.

Objection was raised before the Committee to the system of appointing members of the advisory vocational committees of boards of education, representing employers and employees, on the ground that such members were not responsible to the ratepayers and frequently by their votes determined decisions made by the committee respecting matters involving the expenditure of large sums of money. Members of boards of education, however, came to the defence of the co-opted members of advisory vocational committees by indicating that the board as a whole was required to assume responsibility for accepting or rejecting any recommendation made by the committee and by expressing their appreciation of the value of the advice given by men whose experience in the trades or in industry was of special value in reaching decisions regarding vocational training.

(c) Public and Separate Schools

Little criticism was presented to the Committee relating to the extent or the cost of elementary education. Such comment as was made on the salaries of teachers was directed to their inadequacy rather than to the payment of excessive amounts.

The feature of the system of elementary education which was most frequently brought to the attention of the Committee was the gross inequality in the assessment of school sections. Several instances were reported in which the assessment of the wealthiest school section within a single inspectoral district was ten times as large as the assessment of the poorest school section in the same district. Several rural school sections were reported as having an assessment of more than $700,000, while other rural sections throughout the Province were assessed for less than $1,500. In the Inspectoral District of North Frontenac and Addington, the assessment of public school sections varied from $920 to $212,000, and the tax rate in one school section for public school purposes was 39 mills.

This inequality in the extent of the resources available for the support of elementary education has resulted in the denial to children in one part of the Province of the facilities for securing an education which were offered to children living in other communities. The burden of taxation imposed on the poorer school sections for the support of elementary education was seriously out of proportion to the taxation assumed by the wealthier school sections. This great inequality in the cost of elementary education to the taxpayer, it was contended, constituted a problem urgently demanding solution.

The school sections with an abnormally low assessment found themselves placed under a severe handicap in attempting to secure thoroughly competent instruction. By reason of the fact that they were unable to pay the teacher more than the minimum salary permitted by law, the services of well qualified teachers of experience were not available. The school sections with a low assessment experienced difficulty, likewise, in providing an adequate school building and equipment. By reason of their low assessment, such sections could not borrow money by the issuing of debentures, and have been obliged to rely on special assistance from the Province, supplemented by such money and building materials as they could secure by subscription within the school section.

The difficulties experienced by many school sections and urban communities in securing adequate accommodation for their pupils were brought to the attention of the Committee. In suburban areas and in other districts in which the school population was increasing rapidly, this condition was represented as constituting an acute problem. In many such cases the financial position of the municipality prevented the issuing of debenture, and, as a consequence, the erection of new school buildings. Resort had been made in some instances, as a temporary expedient, to the erection on the school property of inexpensive frame structures or "portables". But these, in time, became overcrowded. As a solution of this problem, the suggestion was made to the Committee that boards of education should be given the right to refuse the enrolment of any child under six years, or even seven years, of age. Only by resorting to that expedient, it was urged, could certain boards provide accommodation for the older children.

Special conditions associated with the pulpwood, lumbering, and mining industries in Northern Ontario have aggravated the difficulties already referred to in connection with the raising of moneys for the support of elementary education. These special conditions grow out of the temporary character of the operations involved in the industries and the relatively rapid shifting of population which follows as an inevitable consequence. An example of this type of problem was presented to the Committee by representatives of school sections in the vicinity of Port Arthur and Fort William. Settlements had been formed as the result of the migration to new districts of persons interested in the cutting of pulpwood. Schools had been established to provide for the education of the children residing in these communities. Agricultural settlement followed in the wake of the "pulpwood farmer". In the course of a few years, when the supply of pulpwood had been exhausted, the "pulpwood farmers" moved to other centres with their families, leaving the burden of maintaining the school on the smaller community of agricultural settlers. Serious difficulties were encountered in these areas in the collection of taxes, inasmuch as, after the removal of each season's crop of pulpwood from the taxpayers property, there remained virtually no assets which could be secured as a guarantee for the payment of school taxes. This special condition imposed a relatively heavy burden on the farmers who laid the foundation for permanent settlement.

Another phase of the same problem was presented by the situation in certain of the silver mining camps in Northern Ontario, in which the ore bodies had been exhausted and the cycle of mining operations completed. In these instances, there had been an extensive emigration of wage-earners to the gold camps located farther north. In many instances, the families of these wage-earners remained behind in the silver mining areas, with the result that the necessity for maintaining the schools continued after the wealth which formerly supported the services of education had become all but completely exhausted.

Again, in "single-industry" towns, such as those which are created around the lumbering industry, the growth of population has been relatively rapid after the establishment of the industry, and the necessity has arisen for the building of schools. Conditions in the industry have been known to change quickly. The plant and equipment of the industry become obsolete and the industry declines with equal rapidity. In these cases, as a result of emigration or of unemployment, the burden of taxation for the maintenance of schools becomes unduly heavy on the relatively small portion of the community which is able to continue to pay taxes.

Representations were made to the Committee relating to the difficulties encountered by separate school boards in both rural and urban centres in the older parts of the Province, as well as in New Ontario. These schools shared with public schools the disabilities associated with a low assessment per pupil. It was represented, however, that they encountered special difficulties in the collection of taxes for school purposes. In general, the assessment per pupil in attendance in the separate school of a community was distinctly lower than the assessment per pupil in the public schools of the same community, and, as a consequence, it became necessary for separate school boards to require the payment of taxes for the purposes of education involving a higher mill rate than applied in the cases of the supporters of public schools. This difference in mill rate, it was represented to the Committee, operated to induce persons of the Roman Catholic faith to have their property assessed for the support of public schools. It was represented further to the Committee that, in certain of the urban centres of Northern Ontario where there was a relatively large proportion of taxpayers of Continental European origin who adhered to the Roman Catholic faith, there was a general inclination on the part of such taxpayers to direct their taxes to be paid to public schools, by reason of the lower mill rate, despite the fact that their children were being educated in the separate schools. The danger of diverting taxes from the support of the schools under their charge, by reason of the difference between the mill rates for public and separate school purposes, has prevented trustees of Roman Catholic separate schools from incurring expenditures which were deemed warranted but which would involve a substantial increase in the rate of taxation.

The problems presented to the Committee relating to the cost of education in the older parts of the Province differed in urban and in rural communities. The complaints made relating to the financing of education in urban centres were concerned chiefly with the difficulties in providing adequate accommodation, by reason of the relatively low assessment of property; whereas in the rural centres they were related chiefly to the unequal distribution of the cost of education over different parts of the township or of the county. These discussions led naturally to a consideration of means by which the burden of the cost of education could be distributed more evenly.

Under the existing system, the total cost of elementary education has been provided from contributions made by four separate and distinct public authorities, namely, the school section, the township, the county, and the Province. Complaints regarding the unequal distribution of the cost of elementary education were limited almost entirely to that part of the cost provided by the school section. Evidence was submitted to the Committee indicating that many school sections throughout the Province were able to provide elementary education without the necessity of making any local levy whatsoever. In these instances, the only contribution made by the ratepayers consisted of their respective shares of the township school rate and the relatively slight proportion of the contribution made by the county. The assessments of townships and of counties were in most instances sufficiently large to make it possible to secure the moneys required for the township and county levies respectively without imposing a mill rate sufficiently high to arouse serious protests. In the cases, however, of levies made on local school sections, the differences in assessment were so great as to involve the imposition of local section levies differing greatly in the rate per mill of taxation.

To secure a greater degree of equality in the distribution of the cost of elementary education, two suggestions were made to the Committee: The first, that the base which supports the structure of local taxation should be extended; and the second, that increased assistance should be provided by the Province.

The amendment of the existing law to permit an increase in the amount of the township grant to school sections within the township was urged upon the Committee as desirable, to the end that the local levy might be reduced and a greater portion of the total cost of education spread over the wider community of the township. Suggestions were made, likewise, that, for purposes of taxation for the maintenance of elementary schools, the boundaries of school sections should be eliminated, and the cost of education (apart from the cost of buildings) distributed uniformly over the entire township. In this manner, where there existed a substantial difference in the value of assessable property in different parts of a township, the wealthier sections would be required to bear part of the cost of education in the poorer sections.

Much attention was directed to the conditions determining the amount of the Provincial grants for elementary education. It was contended that the existing system of grants did not give adequate consideration to the relative abilities of local communities to contribute to the support of elementary education. The grants made on account of teachers' salaries, based as they were on the relationship between salaries and assessment, it was suggested, operated to the disadvantage of the poor school section, which could afford to pay only the minimum salary. The suggestion was made, likewise, that the payment of a higher attendance grant per pupil in the poorer sections than in the wealthier sections would contribute to a more equitable adjustment of costs of education throughout the Province. It was represented that the only practical gauge of the ability of the local community to support education was to be found in its assessment, and that, if this test were to be applied with any measure of satisfaction, it was desirable that there should be a Province-wide equalization of assessments.

The opinions expressed to the Committee seemed to indicate a general belief that a reduction in the cost of secondary education could be effected by the transfer to the elementary school of the work being undertaken in the first two grades of the secondary school. In view of the fact that the work of the first year, and in some instances of the first two years, of the secondary school course was already being offered in Fifth Classes conducted in elementary schools, the probable effect of the more extensive introduction of the work of these grades into the elementary schools was discussed with Inspectors and trustees in several parts of the Province. The opinion was expressed generally by School Inspectors that instruction in the courses of study of Fifth Classes was not satisfactory in ungraded public or separate schools. The Inspectors were in agreement, however, that in exceptional instances, by reason of the special qualifications of the teacher and the relatively small attendance, the Fifth Class work was being undertaken in a satisfactory manner in ungraded schools. The Inspectors were of opinion, likewise, that, in an ungraded school with an attendance of twenty pupils or more, the work of the Fifth Class was undertaken at the risk of the serious neglect of the instruction of the younger pupils, and that the offering of instruction from the lowest grade of the public school to the end of the first or second year of the secondary school was beyond the normal capacity of the great majority of public school teachers.

The information regarding conditions in the rural districts of the Province presented to the Committee indicated that the demand for Fifth Classes was virtually limited to those districts which were remote from a secondary school, and that in most cases, if the Fifth Classes had not been established, the children who attended them would have discontinued their training in school. By reason of that condition, there was a general agreement among Inspectors that provision should be made for the presentation of the work of the Fifth Class grades in schools within relatively easy access to all pupils who have completed the work of the Entrance class. There was, likewise, general agreement that there would be a distinct advantage in the extension of the courses of study of these grades to include instruction in Household Science, Agriculture, and Manual Training, particularly for the pupils who did not remain in attendance at school for more than two years after leaving public school. These conditions led to the suggestion to the Committee, by nearly all of the elementary school Inspectors, of the wisdom of concentrating the work of Fifth Classes in centrally located elementary schools which employed at least two teachers. The Inspectors were of the opinion that the formation of larger classes, the employment of teachers with superior qualifications, and the enrichment of the courses of study, would make possible a distinct improvement in the training offered to the pupils attending these grades. In these conditions, there would be no interference with the work of the regular public school grades, and there would be no serious problem involved in the transportation of older pupils to a central school. This type of organization of the work of the junior grades of the high school in rural communities, it was argued, would not only extend the opportunities of rural pupils to obtain a better type of training than is now possible, but would relieve congestion in the lower grades of many of the secondary schools in urban centres.

The establishment of such courses in centrally located elementary schools could be effected, it was pointed out, only through the co-operation of school boards in adjoining sections. The problem involved in obtaining this co-operation raised the question of the adequacy of the existing system of control of elementary education by boards of school trustees elected by the ratepayers of school sections. The formation of larger units of administration was urged on the Committee at its various meetings throughout the Province. Several advantages were claimed for such a form of organization, namely, the more adequate provision for instruction in Fifth Classes, the more equal distribution of the cost of education throughout the larger unit, the greater possibility of providing for the dental and medical inspection of schools, and the economies which might be effected in the purchase of school supplies.

Three types of a larger unit were suggested:

1. A group of three or four, or more, school sections forming a community with common interests, such as association with a church or churches centrally located, or dependence on a common marketing centre.
2. The Township—providing an organization already in operation for municipal purposes.
3. The County.

Much information was presented to the Committee regarding the number of schools in rural sections of the Province with an attendance of fewer than ten pupils, and regarding the possibilities of providing for the education of these pupils in the schools of adjoining sections. Opinions were expressed by Public and Separate School Inspectors that, while in some instances geographic and climatic conditions justified the maintenance of these schools, there were many cases in which transportation could be provided and better facilities offered for the education of the pupils in other schools at a lower cost to the taxpayers and to the Province. Inspectors reported that frequently serious difficulties were encountered in the closing of such schools, and the suggestion was made that a township board, or other local authority including several school sections, could provide for elementary school training in a more economical manner. This revision of the boundaries of sections to be served by individual schools could be effected more satisfactorily, it was argued, by a central board concerned with the interests of all the pupils of a township than by a local board whose interest was confined to the local community.

Definite opposition to the establishment of larger units of administration for the control of public schools was expressed before the Committee. Those school trustees and municipal officers who favoured the adoption of a larger unit were frank in admitting that the majority of the ratepayers in their own respective school sections would be opposed to the change, but it was their opinion, likewise, that public sentiment was gradually, if slowly, becoming more favourable to some form of larger unit of administration.

The reasons for this opposition were not difficult to discover. A tradition of long duration was associated with the school section. The school as an institution, managed and controlled from within the community, had come to be regarded as a vital element in the life of the community. The idea of the larger administrative unit had become associated with a consolidated school, with the closing of the local school, and an increase in the cost of education. Fears were expressed that the formation of one board of trustees for a township, composed necessarily of a smaller number of trustees than now control the schools of the township, would result in a decline of interest in the affairs of the school and in education generally. The difficulties of transporting young children to a central school, particularly during the Winter season, and the fear that the closing of schools would be reflected in a decline in the value of farm properties in the school section were advanced as reasons for opposition to the formation of larger units of administration.

The suggestion was made to the Committee that the undertaking of experiments with a larger unit of administration, in areas where conditions seemed favourable to their operation, might be of great value in demonstrating whether the benefits claimed by its advocates would be achieved or whether the fears of its opponents would be realized.

Certain other matters relating more particularly to the administration of public and separate schools were brought to the attention of the Committee. The Committee was informed that the provision contained in both The Public Schools Act and in The Separate Schools Act, requiring the signing of a warrant by the local Inspector prior to payment to respective school boards of the amount of moneys collected by the local levy made within the school section or district, has not been enforced generally. Representations were made to the effect that the moneys raised by local taxation were in reality the property of the board and should be paid over to the board from time to time as they may be required. The obtaining of the Inspector's warrant was represented to the Committee as being an unnecessary formality and as having, on occasion, caused unnecessary delay in the transfer of moneys from the treasurer of the municipality to the school board. The suggestion was made, therefore, that this provision should be removed from The Public Schools Act and The Separate Schools Act.

Evidence submitted to the Committee indicated that in many cases the audit of the books of the treasurers of rural public and separate school boards was conducted in a haphazard and unbusinesslike manner by persons who were not qualified to act as auditors. The Committee was informed that, in certain instances, school boards had lost substantial sums of money by reason of the negligence of treasurers and of the incompetence of auditors.

Representations were made to the Committee indicating that the present method of electing separate school trustees in urban municipalities involved unnecessary expenditures and that economies would be effected if the nominations and elections of such trustees were held at the same time and place as the municipal elections and by the same officials.

III. THE CONCLUSIONS AND RECOMMENDATIONS OF THE COMMITTEE

(a) General

1. The Cost of Education.

It is possible that the most important phase of any discussion of the cost of education is the point of view from which the problem is considered. There has been apparent in the consideration of this subject a general tendency to regard the expenditure of a large sum of money for education as indicating the existence of a less desirable condition than the expenditure of a smaller sum of money for the same purpose. There has been a readiness to compare costs of education solely in terms of dollars and cents. It is suggested that such comparisons, to be valid and to be of value, should consider, likewise, the services rendered the community in return for the money spent for education. It is conceivable that a community which spends one hundred dollars on the education of a pupil may be making a wiser and more productive investment of its wealth than a community which spends only eighty dollars for the education of a pupil. It is possible that the expenditure by a community of fifty thousand dollars for education may, in fact, indicate the existence of a more desirable condition than the expenditure of forty thousand dollars for the education of the same number of pupils. Nor does it necessarily follow, on the other hand, that the cost of education per pupil will be a reliable standard for determining the value of the training provided. It is conceivable that a boy attending an ungraded rural school is obtaining a training of as great value to him and to the community as that, which may cost twice as much, received by a boy attending a city school. Any valid judgment regarding the wisdom of expenditures made for education must be based on a consideration of the character of the services rendered in return for these expenditures.

An enquiry into the cost of education implies the undertaking of three distinct operations: (1) The computation of the amount of money spent for a specific purpose, a computation which is capable of being made with accuracy; (2) the assessment of the value of a service which is essentially immaterial in character and which continues to be productive of results over a long period of time; and (3) the establishment of a relationship of equality, or inequality, between a sum of money and a public service. There is thus involved an attempt to compare two things which in reality are incomparable. In the final analysis, educational values cannot be expressed adequately in monetary terms. It follows, therefore, that general conclusions respecting expenditures made for the purposes of education, based merely on comparisons of costs of education, must be subject to definite limitations.

There is a justification for enquiring into the cost of education with a view to determining whether the form of its organization and the method of its control are effective in providing a service commensurate with the moneys expended. Suggestions may be made with a view to changing the form of organization in such a manner as to make it possible to offer a more valuable service at a lower cost. It is possible that expenditures are being made which, when tested by sound educational principles, are not warranted. It is possible, likewise, that certain communities in which the burden of taxation is particularly onerous may be spending on account of education such sums of money as in normal conditions would be justified but which can now be raised by taxation only at the risk of imperilling the financial position of the communities.

Evidence exists of a general assumption that the cost of education has increased steadily over a period of twenty years. This assumption is not justified by facts. The Appendix C to this Report contains a summary of provincial and municipal expenditures for education since 1875. This statement indicates that, during the decade from 1905 to 1915-16, municipal expenditures for education increased from $6,644,177 to $15,656,767, and that, by 1920-21, they had increased to $26,513,862. Since that year they increased steadily to 1928-29, when they reached the total of $44,298,456. They declined to $37,829,063 in 1933-34, and since then have remained relatively constant at approximately $38,000,000.

During the decade from 1926 to 1936 (the latest year for which complete statistics are available) municipal expenditures for education increased to a less extent than did municipal expenditures for other purposes. During this period the total amount levied for all purposes by all the municipalities of the Province increased by 15.47 per cent., whereas the total amount levied for education increased by 6.3 per cent. During the same period the amount levied by towns, villages, and townships for all purposes was increased by $275,046, whereas during the same period the amount levied by the same municipalities for school purposes was reduced by $1,769,316, as is indicated by the following table:

TAXATION

TOTAL LEVY

	Cities	Towns and Villages	Townships	Total
1926.........	$58,046,704	$16,717,021	$27,382,475	$102,146,200
1931.........	77,571,138	19,947,625	31,138,921	128,657,684
1934.........	72,550,894	18,880,540	24,825,628	116,257,062
1935.........	74,116,885	17,696,426	25,653,064	117,466,375
1936.........	73,513,391	17,687,276	26,687,266	117,887,933

LEVY FOR SCHOOL PURPOSES (INCLUDED IN TOTAL LEVY)

	Cities	Towns and Villages	Townships	Total
1926.........	$19,337,305	$5,857,286	$8,893,667	$34,088,258
1931.........	26,462,970	6,403,410	9,255,978	42,122,358
1934.........	22,506,400	5,525,243	7,001,677	35,033,320
1935.........	21,801,595	5,438,935	7,316,576	34,557,106
1936.........	23,269,943	5,397,825	7,583,812	36,251,580

An examination of the expenditures per capita of the population of the Province on account of education indicates the same condition. The amount per capita paid by municipalities for education in 1920-21 was $9.26; in the following year it had risen to $10.91. In 1928-29 it was $13.51. In 1936-37 it was $10.42, the smallest amount paid in any one year since 1920-21, except the year 1935-36 when it was $10.32. The total amount per capita paid by the Province for all educational purposes was $2.73 in 1920-21, $3.89 in 1931-32, and $2.73 in 1936-37.

An analysis of the division of these expenditures between elementary and secondary education is significant. In 1900, 87.5 per cent. of municipal expenditures for education was allotted to public and separate schools and 12.5 per cent. to high schools and collegiate institutes. In 1915-16, immediately before the establishment of vocational schools, the percentages were 85 and 15 respectively. In 1925-26, 76 per cent. was devoted to public and separate schools, 18 per cent. to high schools and collegiate institutes, and 6 per cent. to vocational schools. In 1936-37, the percentages were respectively 69, 20, and 11.

Since 1920-21, the proportion of municipal expenditures for education paid to elementary schools has declined from 84 per cent. to 69 per cent.; that paid to high schools and collegiate institutes has increased from 13 per cent. to 20 per cent.; and that paid to vocational schools has increased from 3 per cent. to 11 per cent.

More significant, however, is the comparison of the cost per pupil of average attendance in the different schools constituting the system of public education. From 1900 to 1921-22, the average cost per pupil in the public schools of the Province had increased from $17.81 to $63.14. It reached the peak in the year 1930-31 when the average cost per pupil in public schools was $74.07. In 1935-36, it had declined to $60.55, the lowest amount per pupil since 1920-21. The cost of education per pupil of average attendance in the Roman Catholic separate schools of the Province increased from $13.86 in 1900 to $36.42 in 1920-21, and to $61.19 in 1926-27, which represents the maximum cost per pupil in the separate schools of the Province. In the year 1935-36, the average cost per pupil in these schools was $41.02. The average cost per pupil attending high schools and collegiate institutes in 1900 was $55.46. That amount had been increased in 1920-21 to $111.38 per pupil, and in 1923-24 to $120.15 per pupil. The average cost per pupil attending these schools in the year 1936-37 was $119.60, the lowest cost per pupil in any year since 1922-23. The cost per pupil in the vocational schools of the Province in 1921-22, the first year for which statistics are available, was $210.37. The average cost per pupil in 1936-37 was $169.44, which was the lowest annual cost since the organization of vocational schools.

It is thus apparent that during the past thirty years there has been an increase in the amount of money expended for secondary education over that spent for elementary education. This increase in expenditures reflects a growing popular demand for the type of education provided by the secondary schools. In 1901, more than 92 per cent. of all pupils enrolled in the state-aided elementary and secondary schools of the Province were engaged in work below the level of the High School Entrance examination. In other words, more than nine-tenths of the youth of the Province completed their formal education in the elementary school grades, and fewer than 8 per cent. proceeded to the secondary schools. By 1931, 16.6 per cent. of all pupils enrolled in the schools of the Province were undertaking work of the secondary school grades, and by 1937 this number had increased to more than 18 per cent. of the total number of pupils attending school within the Province. During the period of fifteen years from 1921 to 1936, the attendance at the high schools and collegiate institutes of the Province has been doubled. During the year 1919-20, the total enrolment in these schools was 33,036. In the following year, it had increased to 34,128. Since 1932-33, it has remained relatively unchanged at approximately 68,000. In 1920-21, the total enrolment in all the secondary schools of the Province was 44,477. By 1936, it had increased to 112,781, a gain of 150 per cent. It was necessary, therefore, in 1936, for the secondary schools of the Province to provide facilities for the education of two and a half times as many pupils as were enrolled in the same schools fifteen years earlier.

The largest single item of expenditure entering into the cost of education is the amount paid for teachers' salaries. During the period from 1912 to 1922, the number of teachers engaged in the public and separate schools of the Province increased from 11,128 to 14,872, or by 33.7 per cent., while during the same period the number of teachers engaged in the day classes of secondary schools increased from 1,143 to 2,029, or by 77 per cent. In the period from 1922 to 1935, the number of teachers engaged in the public and separate schools had grown to

17,472, an increase of 17.6 per cent., while the number of secondary school teachers had increased to 4,363, an advance of 117 per cent. The following table shows the expenditures made on account of salaries in all the schools of the Province:

1917	$10,180,851
1922	20,915,594
1926	25,164,771
1927	25,972,736
1928	27,002,089
1929	28,196,161
1930	29,351,240
1931	30,482,816
1932	30,134,183
1933	27,553,890
1934	27,180,468
1935	27,675,597
1936	27,548,891

During the period of five years from 1917 to 1922, the total amount paid for salaries increased by more than 100 per cent.; from 1922 to 1931, it increased by nearly 50 per cent.; while from 1931 to 1935, it declined by 10 per cent.

The distribution between elementary and secondary schools of the total amount paid for salaries is of interest in relation to the changes which have occurred in the total costs of education:

Salaries	1917	1922	1932	1935	1936
Elementary Schools.	$8,398,440	$16,690,982	$20,440,346	$18,711,737	$18,610,132
Secondary Schools. .	1,782,411	4,224,612	9,693,837	8,963,860	8,938,759
Total	$10,180,851	$20,915,594	$30,134,183	$27,675,597	$27,548,891

In 1917 secondary school salaries were 17.4 per cent. of the total amount paid for salaries, while in 1932, 1935, and 1936, they were 32 per cent.

The extent to which expenditures made on account of teachers' salaries have determined the total cost of education is indicated by the following table:

PERCENTAGE OF GENERAL MAINTENANCE EXPENDITURE ABSORBED BY TEACHERS' SALARIES

Schools	1930	1933	1934	1935
Public	72.75	73.98	73.51	74.29
Separate	68.20	72.04	73.39	69.77
Continuation	76.00	77.03	73.66	75.14
High and Collegiate	75.75	79.18	78.72	79.20
Vocational (Day and Evening)	72.97	73.00	79.34	80.23

It is thus apparent that the substantial increase in the enrolment in secondary schools since 1921 has in large measure been responsible for the increase in the total cost of education, although it is also apparent that the total amount paid in salaries to teachers in secondary schools has not risen in the same proportion as has the attendance in secondary schools.

The demand for greater facilities for education, and, in particular, for technical and vocational training, was in large measure responsible for the undertaking by many municipalities of extensive building programmes. The following table indicates the increase in the debenture debt of municipalities incurred in the erection of school buildings:

School Debt—Province of Ontario

	Cities	Towns and Villages	Townships	Total
1900	*$2,751,019	959,418	458,945	*$4,169,382
1905	*3,489,658	1,257,248	580,716	*5,327,622
1910	7,405,951	2,186,735	1,023,565	10,616,251
1915	21,668,592	3,675,346	2,641,183	27,985,121
1920	31,354,144	5,275,037	4,051,617	40,680,798
1921	36,889,585	6,730,995	5,237,695	48,858,275
1922	42,702,601	16,811,157	7,895,517	67,409,275
1923	45,901,014	10,290,912	8,073,142	64,265,068
1924	48,755,676	12,282,755	8,852,796	69,891,227
1925	45,517,298	13,149,475	9,254,059	67,920,832
1926	46,898,224	13,905,928	10,257,803	71,061,955
1927	46,265,351	14,498,756	11,624,675	72,388,782
1928	47,690,027	15,269,084	12,129,504	75,088,615
1929	53,277,929	20,882,212	12,193,728	86,353,869
1930	57,453,800	15,589,379	13,508,502	86,551,681
1931	59,139,825	16,009,877	13,632,222	88,781,934
1932	59,388,979	15,531,319	13,223,517	88,143,815
1933	56,796,829	15,102,382	12,823,586	84,722,797
1934	55,672,586	14,361,404	13,034,135	83,068,135
1935	55,397,082	12,625,995	11,547,514	79,570,591
1936	53,611,560	12,043,652	10,968,417	76,623,629

*Includes county school debt.

It is of interest to observe that from 1910 to 1920 the total debenture debt of municipalities, incurred for purposes of education, increased from $10,616,251 to $40,680,798, and that in the next decade it increased to $86,551,681. The debenture debt continued to increase until 1931, and, during the subsequent five years, declined to the extent of more than twelve million dollars. A rigid scrutiny of proposals for the construction of new buildings should make possible a continuation of this decline in the capital indebtedness of municipalities and in the payments required annually for interest and for the retirement of debentures.

This survey indicates that from 1920-21 to 1929-30 there was a substantial increase in the cost of education due primarily to the public demand for more extensive training in secondary schools and for a type of practical training which involved the erection of new buildings and the installation of relatively expensive equipment.

Since 1929-30, there has been a general decline in the total cost of education, as well as in the cost per pupil in all branches of the school system, due largely to a reduction in the salaries paid to teachers. There arises naturally a question as to whether it will be possible to reduce the cost still farther or to prevent an increase. In answering this question, consideration must be given to the factors which contributed to the increase in the cost of education during the decade beginning with 1920:

I. CAPITAL EXPENDITURES.

If the cost of education is to be kept at its present level or to be reduced, there must be a rigid supervision of capital expenditures. While there are certain districts, limited in number, in which by reason of a rapid increase in population during the last ten years the existing accommodation is inadequate and new buildings will be necessary, most of the cities of the Province should not be obliged to undertake large capital expenditures for school buildings in the immediate future. In those cases in which building or rebuilding should become necessary, economies may be effected by a closer co-ordination of the work of the senior grades of the elementary school with that of the junior grades of the secondary school.

II. TEACHERS' SALARIES.

The trend in the expenditures required for the payment of teachers' salaries will depend on two factors:

(a) The number of teachers required; and
(b) the scale of salaries.

(a) The number of teachers required.

The number of teachers required for the schools of the Province will depend in large measure on changes in the total enrolment. In the secondary schools of the Province the large increase in enrolment during the past several years has been due, in some measure at least, to the increase of the age of compulsory attendance at school effected by a change in The Adolescent School Attendance Act in 1919. It is probable, however, that the economic conditions prevalent throughout the Province and the Dominion, by reducing opportunities for employment, have contributed to the substantial increase in the enrolment in secondary schools to a greater degree than has the statutory requirement relating to compulsory attendance. No substantial decrease in this enrolment may be expected until there is such an improvement in economic conditions as will be reflected in more extensive opportunities for employment.

The Committee is unable to recommend the reduction of the age of compulsory attendance as required by law from 16 to 14, or even to 15 years. During the period since 1929, when opportunities for securing employment became more restricted, the schools of the Province, and, in particular, the secondary schools, have performed a service of great value to the community in providing occupation for several thousand young people who, were they not in attendance at a school, would have been in danger of suffering from a definite deterioration of moral and intellectual fibre. While the performance of this service has undoubtedly contributed to the increase in the cost of education, it has been of unquestionable benefit to the community. In the opinion of the Committee, the limitations in the opportunities for employment alone justify the continuation of the age of compulsory attendance at school at 16 years.

Even if the attendance in the schools of the Province should decline during the next several years, it does not follow necessarily that such decrease would be accompanied by a corresponding decrease in the number of teachers required. Since 1929, in their efforts to reduce expenditures, school boards have increased the enrolment per classroom to a degree which is not consistent with maintaining satisfactory standards of instruction. A decline in attendance would be accompanied in the earlier stages by a reduction in the enrolment per classroom of both elementary and secondary schools. Not until after the attendance per classroom has been reduced to such an extent as to permit the adoption of the most effective methods of instruction should there be a decrease in the number of teachers employed and in the amount expended for salaries.

(b) The scale of salaries.

School boards throughout the Province are confronted with a definite possibility that within the next five years there will be a scarcity of teachers for both elementary and secondary schools. The enrolment in the Normal Schools of the Province declined from 2,087 in the year 1932-33 to 1,639 in the year 1934-35, and to 1,082 in the year 1936-37, a decrease within a period of five years of approximately 50 per cent. The enrolment in the College of Education, likewise, declined from 611 in the year 1932-33 to 497 in the year 1934-35, and to 340 in the year 1936-37, again a decrease of nearly 50 per cent. In these conditions, there is a definite possibility that a scarcity of teachers may become effective in maintaining salaries at present levels, if not in contributing to an actual increase.

The reductions made in teachers' salaries subsequent to 1930 have in large part been restored, and such restorations have probably been consistent with the promotion of the best interests of the schools. If the teaching profession is to attract young men and women possessing those qualities of mind and character required to discharge acceptably the responsibility of instructing the youth of the Province, the financial rewards must be maintained at a reasonably high level.

The Committee is unable to recommend the adoption of a proposal made by trustees and teachers that a schedule of salaries for both elementary and secondary school teachers should be made effective in all schools within the Province. While conscious of certain benefits which might be derived from the introduction of such a system, the Committee fears that the disadvantages associated with it would more than offset these advantages. There is such a great difference in the conditions of living in various parts of the Province that any schedule of salaries would probably operate to the disadvantage of certain teachers. There would be involved further the risk of placing undue emphasis on academic qualifications and on the mere length of teaching experience. It is considered desirable by the Committee that the rights of school boards to arrange a scale of salaries suitable to the conditions of the community should not be restricted.

2. THE INCIDENCE OF THE TAX FOR EDUCATIONAL PURPOSES.

Two aspects of this problem received the consideration of the Committee, namely:

(a) The burden of taxation on different classes of real property; and

(b) the incidence of the tax on real estate and on other forms of property.

(a) The burden of taxation on different classes of real property.

The evidence submitted to the Committee was conclusive in indicating that there is a great disparity in the bases for the determination of the assessment of real property, not only within a relatively small area which may include farm lands and urban property, but between different sections of the Province. Methods differing widely have been employed in the assessment of farm lands; similar differences have been observed in the assessment of property in small urban communities and in towns and cities. It was represented to the Committee that farm lands have been required to bear more than their proper share of taxation. The equalization of assessments as now undertaken is limited to the property located within a county, and different methods of equalization are employed within different counties, particularly with respect to business assessment.

These various representations have induced the Committee to recommend the institution of an enquiry by the Province, as soon as may be convenient, into the principles which ought to be applied in the assessment of different types of property throughout the entire Province, with a view to undertaking a Province-wide equalization of assessments.

(b) The incidence of the tax on real estate and on other forms of property.

The Committee was impressed by the evidence submitted to it of the imposition on real property of the greater part of the burden of taxation for school purposes. The observation may be made that taxes on real property are generally passed on by the owner to the "user" of the property, and that the ultimate incidence of the tax may be much more extensive than it is ordinarily assumed to be. Much evidence was submitted, however, despite this condition, to indicate that the placing of an abnormally high tax on real property resulted in a decrease in the amount of taxes collected and in the ultimate transfer of property to the municipality, with a consequent restriction in the base of the structure of taxation and an increase in the tax rate. Measures which would relieve the burden of taxation on real estate would probably release capital for the building trades, and, in turn, provide such a stimulation to industry as would ultimately increase the resources of the municipality available for purposes of taxation.

The loss of the right to tax income has had the effect in urban centres of shifting a greater portion of the cost of education to real estate. While the refund to the municipalities of the equivalent of one mill of taxation may render unnecessary an increase in the total tax rate, it does not prevent a reduction in the value of property assessable for school purposes and an increase in the mill rate for education.

The burden of taxation on real estate can be relieved by a reduction in the cost of education, or by the discovery of new sources of revenue within the local municipality, or by an increase in the contribution of the state to education, or by a combination of two or more of these methods. Suggestions have been made of a corporation tax, an increased business tax, a tax on meals served in hotels and restaurants, as possible sources of additional revenue for local municipalities. But the method most frequently advocated for the reduction of the tax on real estate has been the increase in the amount of the Provincial grant.

The Province has by law a definite responsibility for the control and direction of educational affairs. The training of the young men and women who will become its citizens is its natural and obvious concern. Because of its legal obligation, and because the benefits derived from any education which may be obtained within the limits of a town or township are ultimately distributed regardless of municipal boundaries, the Province has from its earliest days recognized the obligation of making a contribution to the support of its schools.

Several principles have been combined in the determination of the extent of the financial support to be given to education by the Province. The Provincial grant has been employed as a payment on account of services rendered; it has been used to promote the introduction of new types of education deemed to be desirable or of conditions within the schools which would improve the quality of their work.

It has been used, likewise, to assist in the creation of equality of opportunity to obtain an education in various sections of the Province where the local resources available for the support of education have differed widely in extent. In determining the extent of Provincial aid to education, consideration has been given to the need of one community as compared with that of another. It is now proposed that the Province should recognize the need of one group of taxpayers residing within a community as compared with that of another group residing within the same community.

The taxation of real estate is recognized as the special prerogative of the local municipal authority. But, if the base which supports the structure of taxation is to be extended to include income and other forms of wealth, consideration must be given to the taxing powers of the Province and their use as a means for contributing to the revenues of the municipality. The incidence of a tax on real estate is limited largely to the local community. Other forms of wealth, as, for example, the profits of industrial and other corporations, are created by the purchases of commodities or services by people residing in all parts of the Province. The revenues obtained from the taxation of these forms of wealth should be distributed as far as possible among the people who create the wealth. As a means to that end, the powers of taxation vested in the Province should be employed. The Committee is, therefore, of the opinion that, if a reduction of the burden of taxation on real estate is to be effected, consideration should be given to the taxation by the Province of other forms of wealth and to the distribution of the proceeds of such taxation to local authorities in the form of increased grants for education.

In arguments addressed to the Committee for increasing the Provincial grants for education, much emphasis was placed on the contention that the contributions made by central authorities in Great Britain, in other Dominions, and in several States of the United States, represented a larger proportion of the cost of education than does the contribution made by the Province of Ontario.[1] These comparisons are of definite interest and of value in indicating the nature of the practices adopted in other states. But they must be considered against the background of the differing conditions existing in the several jurisdictions. In rural Ontario, for instance, contributions to the cost of education are made by four different authorities—the school section or district, the township, the county, and the Province. The contribution to be made by each of four governmental bodies cannot be expected to be the same as in a state in which the burden of taxation is carried by only two authorities. It is doubtful if in many states there will be found such great differences in the extent of the resources of the local governments available for the support of education. These differences present a problem more or less peculiar to Ontario. The organization of the control of education in Ontario may be unnecessarily complex, but the fact remains that these complexities exist and must be considered in any changes suggested in the system of taxation. The extent of the contribution which should be made by the central authority in Ontario must be determined in relation to the conditions existing within the Province.

Urban and Suburban Areas.

A special type of problem, however, affecting the distribution of the cost of both elementary and secondary education is presented by the conditions which prevail in many urban centres and in the suburban areas adjoining them. The representations made to the Committee to the effect that these conditions were making it impossible to provide equal opportunities for obtaining an education have already been mentioned. Emphasis was placed on the fact that such adjoining communities were in reality an economic unit and dependent the one on the other. Attention was directed to the fact that the residents of the suburban area were employed to a large extent in the urban centre, that the urban centre obtained such advantages as may be associated with the creation of wealth by the labour of residents of the suburban district, and that the urban centre profited extensively from the purchases of commodities by residents of the suburban areas, and that, if employment in the city ceased, the burden of providing relief fell upon the suburban community. The Committee was impressed by the validity of these arguments, and believes that a nearer approach to equality of opportunity for obtaining an education would be effected if means were devised for the pooling of the resources of the two communities for purposes of taxation. The Committee recognizes the fact that the problem is extremely complex, and that there may be difficulties in dealing separately with one type of public service, such as education. Because of the complexity of the problem, it suggests the wisdom of instituting a special enquiry for the purpose of obtaining such information as may be required in devising a plan for the removal of the disabilities now existing.

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[1] A statement of the ratio between the Provincial grants and the gross cost of education in elementary schools, continuation schools, high schools and vocational schools is found in Appendix C, Table V.

Municipal Councils and Boards of Education.

During recent years conflicts have occurred in relatively few instances between boards of education and municipal councils over the amount of money to be raised by the municipality for the purposes of education. These conflicts have arisen over the desire of councils to avoid the fixing of a high mill rate of taxation for all municipal purposes, and have involved the request that expenditures proposed for education should be reduced to a greater extent than boards of education deemed wise. It was suggested that councils should be given the right, which they do not now possess, of compelling boards of education to reduce their estimates. The Committee cannot recommend that boards of education should be relieved of the responsibility now entrusted to them by law of providing and maintaining schools within the municipality. Members of boards of education are elected by the ratepayers of the municipality and are responsible to the ratepayers to the same extent as are members of municipal councils. It was proposed, further, that provision should be made for the reference of such disputes to a board of arbitration. The Committee believes that differences of this character can be composed when approached by each party in a spirit of reasonableness and of conciliation, and that the services of officials of the Department of Municipal Affairs and of the Department of Education might be of value in obtaining agreement. For these reasons, the Committee believes that the creation of boards of arbitration is not necessary at the present time.

(b) Secondary Schools

Included in the category of secondary schools are high schools, collegiate institutes, technical and vocational schools, and continuation schools. The Grammar Schools of pioneer days, which in 1853 became part of the state-aided system of education, were designated High Schools by statute in 1871. The same Act empowered the Lieutenant-Governor-in-Council "to confer upon any High School in which not less than four masters are fully employed in teaching the subjects of the prescribed curriculum, and in which the daily average of male pupils studying the Latin or Greek language shall not be less than sixty, the name

Collegiate Institute." The administrative control of a high school or collegiate institute is vested in a high school board or a board of education. The high school district is the district, composed of one municipality or more or the part or parts of municipalities, over which a board has jurisdiction. High school districts are established by the passing by the county council of a county of a by-law which must be approved by the Minister of Education. Vocational and technical schools may be operated by a board of high school trustees or by a board of education under the management and control of an advisory vocational committee appointed by the board. A continuation school, which must have a staff of at least one teacher engaged for his whole time, may be established by a public school board or a separate school board, or by two or more public school boards, or by one or more of such boards and one or more separate school boards. When a continuation school is established by more than one board, it is under the control and management of a committee composed of not more than two-thirds of the members of each of the boards by which it is established (who shall be appointed by such boards) and which is known as the board of trustees for the continuation school. The district, composed of one or more school sections over which a continuation school board has jurisdiction, is known as the continuation school section.

Reference has already been made to the increased demand for secondary education as one cause of the increase in the total cost of education, and certain general aspects of this situation have been dealt with. Consideration should be given to the possibility of meeting adequately this greater demand for training of the type provided by secondary schools, without the necessity for such a large increase in the attendance at secondary schools as has actually occurred. More specifically, is it possible to meet the requirements of the public for education beyond the level of the elementary school and at the same time reduce the present enrolment in secondary schools as a means by which the cost of secondary education may be lowered?

It is possible that a reorganization of the courses of study of the junior grades of the secondary school may be effective in reducing the attendance at these schools, apart entirely from any transfer of classes from the secondary to the elementary schools—a subject which will be considered later. A revision of the content of the courses of study of the first two years of the secondary school curriculum might be effected in such a manner as to provide a more satisfactory general training than is now available. By making it possible for the pupil who does not intend to enter a profession, or a vocation which requires specialized knowledge, to obtain what is commonly known as "a good general education" during the first two years of attendance at a secondary school, the enrolment in the subsequent years might be reduced. Those pupils who may not require the more intensive and more highly specialized instruction of the Middle and Upper School might be encouraged to leave school at the end of the second year, and might be provided with a Junior School Leaving certificate containing evidence of the satisfactory completion of the work of the Lower School. It is probable that many pupils attending secondary schools derive the maximum advantage which they are capable of obtaining by the end of the second year. Thereafter, the law of diminishing educational returns begins to apply, and the value of the service rendered to the community by the school begins to decline. The first two years of the secondary school might be expected to perform a two-fold function—firstly, to provide an adequate general training; and secondly, to provide an opportunity for the discovery by pupils of their special aptitudes, skills, and abilities to the end that they may determine more wisely the nature of the further training, if any, which they should be encouraged to undertake.

By such a method, a more satisfactory selection might be made of those pupils who should be admitted to senior grades of the secondary school. The elimination from such grades of those pupils who might properly be encouraged to leave school at the end of the second year should result in a reduced attendance in the higher grades, and should contribute to a reduction in the total cost of education.

Two obstacles will be encountered in the effort to make effective such a method of selecting pupils for the senior grades of the secondary school. The first will be the tendency, widely prevalent, to regard "Matriculation", or the completion of four years of the work of the secondary school, as the minimum standard of scholastic attainment to be required of boys and girls seeking employment in commerce or industry. The second obstacle, closely related to the first, will be the insistence by parents that, regardless of their qualifications for more advanced training, their children shall be admitted to the senior grades of the secondary schools and allowed to qualify for admission to a university. At present the only authority possessed by the principal of a school in determining the course of study which a pupil shall pursue rests on the respect which parents may entertain for the principal's judgment.

The provision during the first two years of the secondary school course of more extensive opportunities for determining the qualifications of pupils for different types of employment should make it possible to reach wiser conclusions in the selection of a vocation and in the subsequent training to be obtained. The greatest economy in education will be effected only when the course of training is best adapted to the capabilities of individual pupils.

The "staggered" system of organization of the classes of secondary schools, to which reference has been made, has been introduced, with various modifications, into several schools in the Province which were confronted with an enrolment seriously beyond the limits of the school accommodation. It has unquestionably been effective in securing a more economical use of school buildings and equipment, and, in that manner, has rendered unnecessary certain capital expenditures which otherwise might have been required. To that extent it has been effective in preventing anincrease in the cost of education. As an expedient for overcoming temporary difficulties in providing accommodation for secondary school pupils, this arrangement possesses distinct merit. The experiment, however, has not yet extended over a sufficiently long period to justify the formation of definitive conclusions regarding its value as the regular and normal mode of organizing the classes of secondary schools. That money has been saved cannot be denied. Whether these economies have been effected at the cost of a deterioration in the quality of the education provided cannot yet be determined. One of the risks involved in the application of this system is the creation of an attitude towards education and the school which is not wholly desirable. There has been manifest a tendency to regard the processes of the school as somewhat akin to those of the factory, and possibly to underestimate certain of those personal and human factors which are of the essence of education.

The proposal to transfer the first year, or the first two years, of the secondary school course to the elementary school deserves serious consideration. It is the opinion of the Committee that, while no conclusion applicable generally can be reached regarding the wisdom of effecting such a change, certain principles may be applied to the widely differing conditions existing throughout the Province. The situation found in the larger urban centres is different from that presented in the towns and villages. The problem of accommodation is most acute in the larger cities. Where there is overcrowding in the secondary schools, and accommodation is available in the elementary schools, a definite saving may be effected by establishing Fifth Classes in the elementary schools for those pupils, at least, who do not intend to proceed to vocational schools. It has been demonstrated that the work of the first year of the Fifth Form, or Lower School, can be undertaken satisfactorily in the elementary school when properly qualified teachers are provided. In cases, likewise, in which the limits of accommodation are being reached in both secondary and elementary schools, boards should consider the wisdom of providing the further accommodation required by making additions to the elementary schools rather than to the secondary schools.

The maximum of advantage to be gained from the transfer of the first year's work of the secondary school to the elementary school will be obtained when all first year pupils, except those requiring the specialized training of the vocational school, are provided for in the elementary school. If the transfer of classes is extended to the second year, it will be most effective educationally if it is limited to those students who do not intend to continue in attendance at school beyond the second year, unless teachers fully qualified to undertake the teaching of the subjects of the second year are provided. There is a real danger that students trained in Fifth Classes will find themselves handicapped in the courses of the second or third year, and especially in the study of languages, unless the instruction of the Fifth Classes is of equal quality with that provided by the secondary schools. Unless a scale of salaries is maintained approaching that of the secondary schools, there will be a danger that instruction will be provided by teachers less competent than those engaged in the secondary schools, with the possible result of a lowering of the standards of instruction and a loss of time by pupils who proceed to the senior grades.

The conditions relating to the organization of Lower School, or Fifth Form, classes in the towns and smaller cities are somewhat different from those existing in the larger urban centres. The shifting of population from the country to the city which has occurred during the last two decades has affected the larger cities more than the smaller ones, with the result that the problem of accommodation, as a general rule, is less acute in the smaller centres. The relative proportion of pupils from rural districts who attend urban schools is greater in the towns and small cities than in the larger cities. Facilities for obtaining a training for a trade are less extensive in the smaller urban centres. In those communities in which new buildings will be required by reason of the age of the old ones, consideration should be given to the construction of one building for both elementary and secondary school purposes, or of separate buildings so located as to make possible the use of shops and equipment for household training by the pupils of both schools.

In smaller urban centres it is desirable that the accommodation and equipment for General Shop and Home Economics courses should be made available for both the senior grades of the elementary school and the junior grades of the secondary school, and that, likewise, wherever possible the same instructors should have charge of the classes in these subjects in both schools. In this manner economies may be effected both in capital expenditures and in the annual maintenance charges.

In cases in which either one or both of the grades of the Lower School are accommodated in the elementary school building, advantage may be found in forming the seventh, eighth, ninth, and tenth grades in a distinct unit of organization with a separate teaching staff. In these circumstances, a properly qualified teaching staff, charged with the supervision of pupils of these grades for a period of three or four years, may be able to obtain better results in the training of the pupils than would be possible if the pupils were transferred from the elementary school to the secondary school at the end of Grade VIII, i.e., on passing the High School Entrance examination.

While the cost of education of Grades IX and X in elementary schools should be less than in secondary schools, it will necessarily be greater than the cost of education of any two of the lower grades of the elementary school, by reason of the necessity of providing more expensive equipment and of engaging experienced teachers with higher qualifications. As a means of encouraging the transfer of these grades to the elementary school and of compensating elementary school boards for the additional expenditures involved in the transfer, the Committee recommends that generous grants be given elementary school boards for the conduct of the work of one or both of these grades in the elementary schools where it is offered in a manner satisfactory to the Department of Education.

The training of young men and women for agricultural pursuits has not kept pace with the training for industry. It is probable that the organization of this type of training will follow the same general course of development as did the organization of training for industry. In the earlier stages, a shorter course of study, general in character, will be offered in the grades of the Lower School; then it may be expected that further and more highly specialized courses will be required for the third and fourth years of the secondary schools. It is probable that, in rural areas remote from a secondary school, the two years' course of study may be offered in centrally located elementary schools, but that the rural districts within easy access to secondary schools will prefer to have these courses offered in the secondary school.

In the smaller urban centres the transfer of classes from one school to another becomes of less importance than the organization of the entire course of education as a unit rather than as two distinct and unrelated divisions. Economies will be effected and the character of the training improved by the closer co-ordination of the work of the secondary school with that of the elementary school.

The determination of the basis upon which the payment of the cost of edution of "county" pupils should be made constituted one of the most difficult problems considered by the Committee. The problem is created by the fact that large areas remain outside of the boundaries of any secondary school district. Certain municipalities have built and maintained secondary schools which are attended by pupils whose parents reside in other parts of the county not included in any secondary school district. One of two different methods has been adopted in determining the mode of payment of the cost of education of these pupils.

The first method, known as the "50-50 plan", and in operation in only eight or nine counties in the Province, provided for the payment on account of the cost of education of pupils resident in a secondary school district of an amount equal to 50 per cent. of the net cost, calculated by deducting the amounts received in fees and Legislative grants from the total annual expenditure for permanent improvements and maintenance. This sum was collected by an annual levy on all municipalities in the county. The remaining 50 per cent. of the cost of education of resident pupils was paid by the secondary school district in which they resided. The cost of education of county pupils attending secondary schools, including continuation schools, in municipalities not separated from the county was divided into two equal parts; one part was raised by a levy on all municipalities constituting the county, while the other part was raised by a levy on the municipalities in proportion to the number of county pupils residing in the municipalities respectively. The county paid in the same manner an amount equal to 80 per cent. of the cost of education of county pupils who attended a secondary school in cities, separated towns, and adjacent counties.

The second method, known as the "80-100 plan", provided for the payment by the county to high schools and continuation schools of a sum equal to the Legislative grant for the maintenance of such schools. But, when the Legislative grant and the fees received by a school were not equal to the cost of maintenance of county pupils at the school and the amount paid by the school district as its share of the county levy for the education of county pupils in the next preceding year, the amount paid by the county was computed in a different manner. In such a case the cost of education of county pupils was determined by deducting the amount of the Legislative grant and of fees received from a sum made up of 80 per cent. of the annual payments for permanent improvements, including payments for debentures, and 100 per cent. of the cost of maintenance. The county then paid to the high school district, in lieu of the equivalent of the Provincial grant, that proportion of the cost which the average attendance of county pupils over a period of three years bore to the total attendance.

The amount required was raised by a levy on all municipalities in the county including the secondary school districts and continuation school sections. But, inasmuch as secondary school areas in towns and villages had already paid the cost of education of their resident pupils, a rebate was made in the following year of the amount of the county levy paid by such districts for the cost of education of county pupils attending secondary schools in municipalities not separated from the county. No rebate was paid to rural continuation school sections because they received the township grant paid to public schools and applied to teachers' salaries.

The county paid 80 per cent. of the net cost of educating county pupils who attended a secondary school in cities, separated towns, and adjacent counties. This amount was raised by a levy on all municipalities, including high school districts and continuation school sections.

The difficulties involved in this complicated system are associated with the making of the county levy on secondary school districts and the payment of annual rebates. The Committee has already recommended informally that each secondary school district, including grade A and grade B continuation school sections, (grade C continuation schools should be considered as public schools maintaining Fifth Classes) should be made responsible for the education of its own pupils, whether attending the school located within the district or another school, and should be exempt from the county levy for secondary education except for the cost of pupils attending vocational schools. It has recommended, further, that 50 per cent. of the cost of education of county pupils attending secondary schools, other than vocational schools, should be paid by a levy on the county, exclusive of the secondary school districts and grade A and grade B continuation school sections, and that the remaining 50 per cent. should be levied against the municipalities in which the pupils reside on the basis of the attendance of such pupils.

Evidence was submitted to the Committee which indicated clearly that the cost of education of pupils attending many of the continuation schools, and especially those maintained by a single school section, was not being fairly distributed, and that a relatively large number of these boards were accumulating substantial surpluses from year to year without the necessity of making a levy on the ratepayers of the school section. The Committee suggests that this is a condition which should not be permitted to continue. As a means to that end, the Committee recommends that the grade A and grade B continuation schools be treated in the same manner as high schools with respect to Provincial grants and to the payment of the cost of resident and of county pupils, and that the payment to the boards by the township of a grant for salaries under the provisions of The Public Schools Act should be discontinued. These continuation schools are performing the same function as the high schools, and should receive their financial support in the same manner. The grade C continuation schools, which undertake the work of the Fifth Form only, or the Lower School, should be regarded as public schools with Fifth Classes for the purposes of Provincial, township, and county grants.

Vocational schools, which are usually located in the larger urban centres, were built and equipped with the aid of Provincial and Federal grants to a greater extent than were other secondary schools. Rural areas and small urban centres cannot, as a rule, afford to establish and maintain vocational schools because of the relatively high cost. The payment, therefore, of the larger grants by the central authority may justify considering them as intended to provide a service for the larger community and not only for the municipality in which they are located. For these reasons, the Committee recommends that 50 per cent. of the cost of education of county pupils attending these schools should be borne by the whole county, including secondary school districts, and the remaining 50 per cent. by the municipalities in which the pupils reside.

These changes, which were the subject of recommendations submitted informally on behalf of the Committee, have already been made in the school law of the Province.

The Committee* suggests, further, the desirability of incorporating ultimately every part of a county in a secondary school district. It does not suggest the necessity of establishing a secondary school in each municipality, but the creation of a local authority which will undertake the responsibility of providing secondary education for those pupils in the municipality who should enjoy the advantages of such training. In those municipalities in which there is no secondary school, it would be possible for the high school board to make agreements for the education of its resident pupils with the boards maintaining secondary schools in adjacent municipalities. Werei this condition effected, there would no longer be county pupils other than those n attendance at vocational schools, and the administration of secondary schools would be greatly simplified.

Apart from the question of the adequacy of the present system of grants, the most important issue relating to vocational schools which was presented to the Committee referred to the composition of advisory vocational committees, as provided by The Vocational Education Act, 1930. This Act directs the appointment to the committee, according to the total membership of the board, of two or three "persons, not members of the board, who are engaged as employees in the manufacturing, agricultural, commercial, or other industries, carried on in the local municipality or in the county or district in which the school is situate," and of two or three persons, not members of the board, who are employers of labour or directors of companies employing labour in manufacturing, agricultural, commercial or other industries. It was represented to the Committee that too great authority was vested in this group not directly responsible to the ratepayers. The Committee is of the opinion that the advantages associated with the service on advisory vocational committees of representatives of employers and employees are greater than the disadvantages, and is unable to suggest a change in the composition of that committee.

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*Mr. John Stuart, a member of the Committee, dissents from this recommendation.

The question of the adequacy of the present methods of organizing the administration of secondary education was discussed frequently before the Committee, and the formation of township boards, but more often of county boards, was suggested. A quickening of interest in secondary education, particularly in rural areas, was clearly evident along with a thoroughly healthy readiness to examine critically both the character of the instruction provided by the secondary schools and its cost to the taxpayer. Confusion has undoubtedly been created by reason of the fact that large areas in many counties possess no local authority vested with responsibility for the provision of secondary education. The Committee is of the opinion that the next development in the organization of secondary education should be, as already suggested, the inclusion of all parts of a county in a secondary school district. Of equal importance will be the willingness of local authorities to make plans for the extension of secondary education in the light of the needs of the larger community and not of the local district alone. Only by the adoption of this broader outlook will it be possible to avoid unnecessary duplication of educational services. It will be found, probably, that the interests of secondary education transcend the boundaries of school districts. When this stage of development has been reached, consideration can be given to the form of organization best adapted to meet the requirements of secondary education. The first step must be the realization of the interest of the larger community in the provision of opportunities for obtaining secondary school training. Until a foundation has been laid in the recognition of the interest of the county as a whole in the problems of secondary education, it would be unwise to impose a county organization. The form and structure of the administrative organization best adapted to meet the requirements of secondary education must be determined ultimately against the background of the actual conditions found to exist. In the meantime, the Department of Education must assume a large measure of responsibility in giving such direction to the course of development as will ensure the proper consideration of interests other than those of the local community. There can be no doubt that the formation of larger units of administration for secondary school purposes should result in a more economical use of the funds available for education, and that it would tend, likewise, to equalize the burden of taxation within the boundaries of the administrative unit.

For many years the Provincial grants for the support of secondary education in the organized counties have been apportioned on the basis of a scheme which included four distinct factors:

1. A fixed grant of $300 for high schools with fewer than four teachers, and of $275 for other high schools, and of $250 for collegiate institutes.
2. A grant in respect of equipment, represented by a sum which has varied from 6 per cent. to 10 per cent. of the expenditure on account of equipment, subject, however, to the condition that it should not exceed $122.50 for high schools with two teachers, and $167.50 in the case of other high schools and of collegiate institutes.
3. A grant in respect of school accommodation, determined on the basis of a definite system of grading, but not exceeding amounts fixed during the last several years at $212 in the case of high schools with two teachers, at $330 in the case of high schools with three or more teachers, and at $424 in the case of collegiate institutes.
4. A grant in respect of salaries, equal to 10 per cent. of the approved expenditure—the grant in no case to exceed the sum of $1,000.

The counties have been required by law to pay to the secondary schools in the urban centres not separated from the county the equivalent of the Provincial grant, subject to certain conditions which have already been considered. In the unorganized districts of Northern Ontario, the obligations of the county have been assumed by the Province. Where the high school board or board of education in a city, town, village, or township in a district has notified the Department of Education that the high school or collegiate institute under its control is open and free to pupils resident in any of the districts, the Department of Education has paid, in lieu of one-half the Legislative grant, a sum equal to 80 per cent. of the cost of education of such pupils at the high school or collegiate institute whenever this cost of education exceeds one-half the Legislative grant and the fees received by the board.

It is thus apparent that the conditions determining the apportionment of Provincial grants to secondary schools have been not only extremely rigid in character but have paid little attention to the varying needs of different communities. It has not been possible to employ such a scheme of grants as a means for providing a greater degree of equality in the incidence of the burden of taxation for school purposes, and, further, in the case of the larger secondary schools, the amount of the Provincial grant has been extremely small in relation to the total cost of secondary education.

The Committee is of the opinion that an increase in the total amount appropriated by the Province for secondary education will be necessary if the burden of taxation on real estate is to be reduced. The extent to which this grant can be increased must be determined, in turn, by the revenues obtained by the Province. The suggestion was made to the Committee, both by teachers' organizations and by trustees, that the Provincial grant in aid of secondary education should be increased to 50 per cent. of the total cost. The Committee is unable to recommend that this suggestion should be adopted at the present time. The payment of a fixed percentage of the cost of secondary education to all secondary school boards throughout the Province would make it impossible to give that consideration which the Committee believes warranted to the substantial differences in the local financial support available for education. The payment of any one fixed percentage of the cost of secondary education to one board might be justified and to another board might not be justified by the local conditions existing in each case. It is suggested that the payment of one-half of the cost of secondary education would remove from local boards the thoroughly wholesome restraint on the making of unwarranted expenditures which is provided by the necessity of raising, by local taxation, a substantial part of the moneys being spent. The history of the financing of education throughout the Province presents evidence of the readiness with which local school authorities attempt to justify unnecessary expenditures on the ground that "the Government pays half the cost". If it should be found wise ultimately to increase the Provincial grant for secondary education to one-half of the cost, it is suggested that it would be necessary for the Porvince to exercise much more effective control over the expenditures of local educational authorities than is now possible.

The Committee believes that, by the adoption of a different method of apportioning the secondary school grants, the cost of education could be distributed more equitably than it is at present. It is desirable, not only to draw on wealth other than real estate for the support of education, but to reduce the great differences now existing in the cost of education to the taxpayer. These differences are due chiefly to great variations in the assessments of secondary school districts. Several high schools in the smaller urban centres have assessments of less than $50,000 per classroom, whereas the assessment per classroom in several cities exceeds $1,000,000. The Provincial grant might be employed to reduce the burden of taxation on those communities which, by reason of their limited resources, are least able to support secondary schools.

The Committee recommends that the basis for the apportionment of the Legislative grants for secondary school purposes should be modified in such a manner as to provide for the payment of larger grants to those secondary schools which, by reason of low assessments, are in the greatest need of assistance. It is suggested that consideration should be given (1) to the relationship between the amount paid for teachers' salaries and the assessment of the district, inasmuch as the payments for salaries represent approximately 80 per cent. of the cost of secondary education; and (2) to the relationship between the attendance of resident pupils and the assessment of the district. It is suggested, further, that, by the adoption of a sliding scale for the payment of grants on account of salaries and on account of attendance which would be favourable to the district with the lower assessment in relation to the total cost of education, a more equitable method for the payment of the Provincial grant would be obtained. The further recommendation is made that the grants on account of both equipment and accommodations might properly be increased substantially beyond the present scheme of payments.

The Committee does not suggest that any change should be made in the basis of grants for the support of technical and vocational schools and vocational departments. It does, however, express the opinion that, as the revenues of the Province expand, an increase in the amount paid by the Province for the support of technical and vocational education would be fully justified.

III. THE CONCLUSIONS AND RECOMMENDATIONS OF THE COMMITTEE

(c) Public and Separate Schools

Reference has already been made to the fact that total expenditures on account of education and also the cost of education per pupil reached their maxima in the year 1929-30, and declined steadily since that time. This movement is apparent in the changes in the amount spent for public and separate schools by municipalities and by the Province, as is indicated by the following table:

Expenditures for Public and Separate Schools

	1910-11	1920-21	1929-30	1936-37
Municipalities........	$8,340,611	$22,292,454	$33,315,689	$26,450,891
Province............	1,002,491	3,397,143	4,896,317	4,054,430
Total............	$9,343,102	$25,689,597	$38,212,006	$30,505,321

Costs per pupil in both public and separate schools have declined since 1930-31. The cost per pupil in public schools was lower in 1935-36 than in any year since 1930-31, and in separate schools the lowest, with the exception of 1933-34, since 1926-27.

There are, however, differences in the cost per pupil of average attendance in public schools in rural and urban municipalities, as the following table indicates:

Public Schools	1933	1934	1935	Legislative share, 1935
Rural	52.04	49.47	45.79	22.7%
Urban	69.41	68.91	68.31	4.0%
City	78.51	78.01	76.09	3.0%
Town	57.57	49.14	49.46	7.3%
Rural (Attendance 1-10)	....	98.21	96.56	29.9%
All	62.50	61.26	60.55	9.6%

The decline in the cost of education in public schools is due in large measure to a reduction in the salaries of teachers. The average salaries paid to male and female teachers in the public schools of the Province over a period of several years are as follows:

TEACHERS' SALARIES (AVERAGE)

	Male			Female		
	Province	Urban	Rural	Province	Urban	Rural
1917	$1,038	$1,425	$ 686	$ 650	$ 731	$580
1922	1,644	2,082	1,144	1,117	1,253	987
1927	1,667	2,107	1,147	1,152	1,336	970
1932	1,665	2,075	1,050	1,150	1,387	867
1933	1,398	1,907	874	1,031	1,324	738
1935-36	1,376	1,922	848	1,035	1,348	710
1937-38	....	1,912	869	....	1,352	735

The fact that 75 per cent. of the total current expenditure for public schools is spent in the payment of teachers' salaries and the fact that a large majority of such teachers are women indicate the reason for the decline in the cost of education in public schools. The argument can scarcely be advanced that the salaries paid to women teachers, particularly to those engaged in rural schools, are too high. It must be evident, therefore, that there is little prospect of a further reduction in the cost of public school education unless resort is made to methods other than the lowering of teachers' salaries.

The most serious problem presented to the Committee touching elementary education is related to the great inequality in the burden of taxation imposed on different communities. The assessment of "single-teacher" rural schools varies from $900 to $805,000; the assessment per pupil of average yearly attendance from $28.12 to $23,018. In these conditions, it is idle to expect equality of opportunity for obtaining the advantages of what is regarded as a common right—an elementary education. These inequalities are due to the great differences in the character of the economic life of different communities. Certain sections of the Province possess the advantage of an accumulation of wealth extending over a period of several generations; others, again, are in the first stages of pioneer settlement. Communities which have just come into being are placed in the same system as those in which the economic processes creating wealth have been in operation for nearly a century and a half. These differences exist in fact, and cannot be removed. Their existence, however, should be considered in any discussion of the cost of education and the means to be adopted for its financial support. They do suggest the wisdom of considering, to a greater extent than has been done hitherto, the need of the local community in the apportionment of funds provided by the Province for the support of education.

Specific reference should be made to another phase of this problem as it now exists and will probably continue to exist in Northern Ontario. It may be illustrated by the situation in mining communities in which the mineral resources have become nearly exhausted, and in towns which have grown up around a single industry—such as a saw-mill or a paper mill, which, by reason of changing economic conditions, is no longer able to operate profitably. In many of these cases, although the processes of production have ceased, settlement still remains, and, with it, the necessity for providing for the education of children. The problem created by these conditions arises from the fact that a transfer of settlement lags behind the exhaustion of the resources of the community. It is during this period of readjustment following the decline or cessation of production that the maintenance of schools presents peculiar difficulties. The question is raised as to whether, in cases such as these, a greater measure of responsibility for the support of education should not be placed on the industry which creates the settlement, and whether from the profits of the "fat" days there should be set aside a fund to meet the requirements of the "lean" days which too frequently follow. The resources of the industry as a whole should be required to assume a larger share of the cost of providing education during the whole period of the life of the settlement which the industry has created. Consideration should be given in the case of the "pulpwood farmer" to the adoption of means whereby the tax for school purposes could be collected before the pulpwood, the only property available for the payment of the tax, is removed from the jurisdiction of the local authority.

Although the more striking differences in the extent of the burden of taxation were presented by the newer and the older settlements, differences no less significant were found in the tax rate for elementary education in neighbouring communities. To understand the cause of these differences, it is necessary to examine the system of taxation provided for the support of elementary education. In urban communities the system is simple, the municipality being the unit for purposes of taxation and administration. In rural districts the school section is the unit of administration and of taxation. A public school section is created by the township council, a separate school section by "not less than five heads of families being householders or freeholders resident within any public school section and being Roman Catholics" convening a public meeting and following a procedure outlined by law. In unorganized townships, a school section may be formed by the Public School Inspector, subject to the approval of the Minister of Education, and a separate school established by "any number of heads of families not less than ten who are Roman Catholics" electing trustees at a public meeting called for that purpose.

The evidence submitted to the Committee indicated that as a general rule the assessment available for the support of separate schools was substantially less than that available for the support of public schools in the same community, and that, as a consequence, the mill rate required to be fixed for separate school purposes was generally higher than that imposed for public school purposes. A specific condition which has operated to the disadvantage of the separate schools was brought to the attention of the Committee. In cases in which the children of a Protestant father and a Roman Catholic mother attend a separate school with the approval of the father, it is not possible under the present law for the father to direct that any part of the taxes which he pays for school purposes shall be paid to the separate schools, even though all his children, with his approval, may be attending a separate school. It was found, likewise, that in many cases, particularly in urban centres, it is necessary to supplement the revenue derived from taxation by contributions from private sources in order to maintain efficient separate schools. In general, the salaries paid to teachers in separate schools are lower than those paid to teachers in public schools, and, in many cases, lay teachers are being replaced by religious teachers as a means for the reduction of the cost of maintaining the separate schools. In certain urban centres in which Fifth Classes are maintained by separate school boards and in which there are secondary schools, the separate school supporters are not only supporting the Fifth Classes in their own schools but are contributing to the support of the same grades in the secondary schools.

The Committee has given consideration to representations made to it relating to certain procedures of administration which are capable of improvement. The Committee suggests the wisdom of making provision for the auditing of the books of treasurers of rural public and separate schools in such a manner as will prevent the loss of money by school boards through the negligence or incompetence of auditors. It suggests, likewise, the repeal of the provisions now found in The Public Schools Act and in The Separate Schools Act requiring the warrant of the local School Inspector before payment of the moneys raised by local taxation to the local school board. Effective control over the administration of the local schools may still be maintained by the Province by means of its right to withhold the Provincial grant in cases in which the requirements of the Department have not been met in a satisfactory manner. The Committee suggests, further, that economies in administration might be effected if the nominations and elections of all school trustees in urban municipalities were conducted at the same time as the municipal elections and by the same officials.

The revenue obtained by rural public schools is derived from four sources: A township grant; a county grant; a Provincial grant; and a section levy of an amount sufficient to raise the balance required. The township grant has been fixed at amounts varying from $600, at least, for every principal teacher and $400, at least, for each assistant, in townships in which the average assessment per section is at least $100,000, to $150 and $100 respectively in townships in which the average assessment is below $30,000. These amounts were reduced by 25 per cent. in 1933, but this deduction was reduced in 1936 to 20 per cent. The township grants are applicable exclusively to teachers' salaries, but their payment to boards is made conditional on the payment to the teacher of a salary of at least $500 a year. The county is required to collect a sum at least equal to that part of the Legislative grant for public and separate school purposes which is apportioned by the Minister of Education on the basis of the equipment and accommodations of the rural schools of the county, and also a sum equal to the Legislative grant for Fifth Classes maintained by public and separate schools; these sums are payable to the boards of schools receiving such Legislative grants in the same proportion as the grants are paid to the several schools.

The foundation of the present system of Provincial grants for public and separate schools was laid during the years between 1906 and 1910. Prior to that time, the basis for the apportionment of Legislative grants was relatively simple. Elementary schools were divided into two categories, public and separate schools in the old districts and public and separate schools in the new districts. The amount appropriated for each group was divided among the several municipalities on the basis of total population, and the amount to which each municipality was entitled was then divided among the several schools of the municipality according to the average attendance during the preceding year. The wisdom of distinguishing between the older and newer settlements, by reason of differences in the ability of the local community to contribute to the support of education, was recognized by this time. The changes which were made in the scheme of Provincial grants during the succeeding thirty years indicated the adoption of three main principles: (1) The necessity for making a general contribution towards the support of education in all communities; (2) the improvement of conditions in elementary education through the encouragement by financial assistance of changes regarded as desirable; and (3) a recognition of the varying needs of local communities by reason of differences in their financial resources. At one time an attempt was made to discourage the migration of Ontario teachers to the Western Provinces by increasing salaries in this Province through more generous grants. At another time an effort was made to improve school buildings by means of larger grants for buildings and equipment. At still another time an effort was made to effect an improvement in the training of teachers by the payment of grants on the basis of the qualifications of teachers. But all of these special grants were adjusted to the requirements of the local community, determined by the extent of its taxable property.

After many changes the system now in force was introduced in 1931. One general principle underlies this system, namely, the recognition of the necessity of considering in a broad, general manner the resources of the local community. To this end, municipalities were divided into three groups: (1) Rural communities and villages and towns with a population under 2,000; (2) towns of 2,000 and over and cities with a population of less than 50,000; and (3) cities with a population of 50,000 or more.

The amount of the Provincial grant appropriated to a school board was determined on the basis of five different factors: (1) A grant of one dollar for each pupil in average attendance for the next preceding calendar year; (2) a grant on account of teachers' salaries, based on the ratio of such salaries to the equalized assessment of the school area, increasing as the ratio increased, and greatest in rural sections and small urban municipalities; (3) a grant on equipment for rural public and separate schools only, but not to exceed $100 per classroom in the counties and $200 per classroom in the Districts; (4) a grant based on teachers' certificates for rural public and separate schools only, and varying according to the grade of the certificate; (5) a special grant to school sections or urban municipalities with low assessment on account of both maintenance and capital expenditure, and increasing as the assessment declined. To prevent a rural school board from receiving in grants from the township and the Province more than it expended, the provision was introduced that in no case would the Legislative grant, exclusive of the grant on capital expenditures, be greater than the excess of the teacher's salary over the amount of the township grant. The manner in which these several factors have entered into the computation of the total grant for public and separate schools is indicated by the table in Appendix D to this report.

Several suggestions were made to the Committee touching the scheme of grants. It was proposed that the township grants should gradually be restored to the amounts payable in 1933. The scheme of grants payable on account of teachers' salaries was criticised on the ground that it penalised the poor school section which could not afford to pay a large salary, and, therefore, received a relatively small grant.

The Committee recommends that the township grants should be restored to the amounts payable in 1933, as a means of providing for a more equitable distribution of the cost of elementary education within the limits of a township.

The Committee believes that the payment of the grant on account of teachers' salaries on a graduated scale provides a definite advantage to the poor school section despite the fact that it may not obtain the maximum of benefit. The poorer school section receives a larger grant on account of salaries than the wealthier section which pays the same salary. The Committee is unable to recommend a change in the principle underlying the payment of the grant on teachers' salaries. The Committee believes that the payment of a grant on teachers' certificates to rural school boards should be discontinued, inasmuch as First Class certificates only are being granted to the graduates of the Normal Schools of the Province other than the University of Ottawa Normal School. The Committee believes that the teacher possessing a Second Class certificate, whose work as a teacher has been satisfactory, should not be placed under a disadvantage in securing employment.

The Committee believes that the Provincial grant for elementary education can be made more effective than it has been hitherto in reducing the amount of taxes to be levied on the local municipality for elementary education, and also in providing a more equitable distribution of the cost of education throughout the Province as a whole. It, therefore, makes the following recommendations:

1. That the appropriation made by the Legislature of the Province for public and separate schools should be increased substantially.
2. That in the apportionment of the Legislative grant among the severa, school boards the need of the school area, whether it be urban or rurall as represented by the equalized assessment of its taxable property, should be considered even to a greater extent than hitherto, and, in particular, that the grant paid on the basis of school attendance should be increased and should be apportioned in such a manner as will increase the grant per pupil relatively as the unit of assessment per pupil in average attendance decreases.
3. That the grants for maintenance payable to school sections or urban municipalities with low assessments should be increased for those sections or municipalities with an assessment per classroom of less than $30,000.
4. That the payment on teachers' certificates for rural public and separate schools should be discontinued, and that the amount appropriated for this purpose should be added to the appropriation for the grant on teachers' salaries payable to rural schools and to those in small urban centres.

The effectiveness of any scheme of grants which attempts to measure local needs by the yardstick of equalized assessment must depend in large measure on the adequacy of the methods employed in determining assessments and in their equalization. Still further, if the amount of money to be paid by the Province with respect to any form of public service is to be dependent on the fixing of assessments, it follows that the Province should have an assurance that the assessments are fair and reasonable. The Committee, therefore, suggests the wisdom of making provision for the equalization of assessments throughout the entire Province.

The Committee has given consideration to several methods by which other states have attempted to secure a more equitable distribution of the cost of education. Suggestions have been made that the Province should provide all, or a fixed part, of a minimum programme of education, defined either in terms of the service to be rendered or in terms of cost per pupil, and that Provincial grants should be determined in relation to "a weighted classroom unit", as in the scheme known as the Mort Plan. It is the opinion of the Committee, however, that such differences in distribution of population and of wealth, in climatic conditions, and in facilities for transportation as are found in the Province of Ontario would make it impossible to apply any such scheme with a reasonable prospect of success.

For many years provision has been made for the payment of special assisted grants, within the discretion of the Minister of Education, to schools which cannot be maintained without serious hardship by the regular grants and such revenues as may be obtained locally through taxation. It is desirable that the amount paid on account of assisted grants should be reduced to a minimum, and the hope is expressed that an increase in the amount of the regular grants paid to the sections with low assessments will limit the need for the payment of special assisted grants. There will probably still remain, however, the necessity for the granting of additional assistance in special cases, such as to new schools in their first year of operation—when no regular grant has been earned, or to boards which have suffered loss through the destruction of school buildings. The amount required for the payment of special assisted grants should be reduced gradually as increased regular grants improve the position of the poorest school sections.

Two special problems relating to the cost of education are presented by conditions peculiar to the rural schools of the Province. The first concerns the abnormally high cost of education per pupil in rural schools with a low attendance. In the year 1935-36, there were 139 rural public schools in the Province with an average daily attendance of five or fewer pupils, and more than 700 rural public schools with an average attendance ranging from 6 to 10 pupils. The average cost per year of pupils attending rural public schools was $45.79, of which $10.36 was paid from the Legislative grant. In the year 1935 the average cost per pupil in rural elementary schools with an attendance under 10 pupils was $96.56, of which the Province paid $28.23. It is thus apparent that many schools with a low attendance are being maintained at a relatively high cost both to the Province and to the local community. It is probably true that, in certain cases, difficulties of transportation make it impossible to arrange for the education of pupils attending these schools in the schools of adjoining sections. The Committee believes that the closing of many of these schools attended by a small number of pupils and the education of these pupils in neighbouring school sections would result in more effective training and in a reduction of expenditures. For these reasons, the Committee recommends that the efforts of the Department should be directed to the closing temporarily of rural public schools where the enrolment is fewer than ten and where reasonable provision may be made for the education of the pupils in a neighbouring school or schools. The Committee suggests that in such cases the organization of a school board should be continued, to the end that, if the number of children of school age living within the section should increase beyond ten, arrangements could be made for the reopening of the school.

The other problem concerns the maintenance of Fifth Classes in rural schools. There is a general agreement among School Inspectors that these classes are serving a most useful purpose in that many of the pupils who attend them would not otherwise secure instruction beyond the High School Entrance grades. The Inspectors are agreed, likewise, that in many of such classes the instruction is not satisfactory, and that frequently Fifth Classes are maintained to the disadvantage of pupils attending the lower grades.

The Committee suggests the wisdom of concentrating the work of the Fifth Classes in elementary schools centrally located, where the services of teachers with superior qualifications would be available. The adoption of such a policy should result in a general improvement in the character of the instruction, in a reduction in the attendance in the lower grades of secondary schools, and, as a consequence, in the total cost of education. The continuation schools were designed originally to provide, as the name indicates, a continuation of the general training obtained in the elementary schools. The continuation schools have become, in fact, high schools, offering the same courses of training as the high schools and collegiate institutes. Several of them maintain staffs of teachers greater in number than do many of the high schools. They have become largely training schools for pupils preparing themselves for admission to the Normal Schools of the Province. The Committee suggests that there is a place in rural education for the continuation school as originally conceived, and that the function intended to be performed by the continuation school might properly be assumed by the central school offering the courses of the Fifth Class in addition to those of the lower grades of the elementary school.

The training provided by such continuation, or central, schools should be of such a character as to satisfy the needs of young men and women who will continue to live on the farm in later years. It should be the highest type of vocational training, a training designed, not only to impart knowledge and foster the development of skills, but to lay the foundation of an understanding of the position of agriculture in the economic life of the larger community and of an appreciation of the advantages associated with country life. There might conceivably be advantages in the employment of itinerant teachers who would provide instruction in the special courses, such as Agriculture, Manual Training, Household Science, and Music, superior in quality to that now available.

Such considerations as these raise the question of the adequacy of the school section as a unit of administration for the purposes of the type of education best adapted to meet the needs of the children of rural communities. The provision of this form of training will involve expenditures beyond the abilities of many rural school sections to undertake, and would not be justified for classes composed only of pupils from a single school section. This problem can be solved only by action which in its effects will transcend the boundaries of the school section. Only by means of some form of co-operative endeavour on the part of trustees of several school sections can this type of training be provided. If, in order to obtain certain definite educational advantages, it becomes necessary to think and to make plans in relation to an area more extensive than the school section, consideration should be given to the wisdom of forming some type of larger unit of administration.

Other conditions have contributed to the creation of this problem. During the last thirty years extensive and clearly defined changes have occurred in the distribution of population in many parts of rural Ontario. Migrations to the Western Provinces of Canada and to the cities of Ontario have created vacancies in rural districts which have not been filled. Rural schools, which a generation ago were attended by thirty pupils or more, to-day have an attendance of six or seven. In the meantime, great improvements have been made in the means of transportation, with the result that the boundaries of the community—that group of people who meet each other in the course of the ordinary activities of life—have become greatly enlarged. The area within which there is a consciousness of a community of interest has become more extensive.

Many representations were made to the Committee touching the nature and extent of the area which is likely to be most suitable as a unit of administration for school purposes. The county board and the township board each had its advocates. It was apparent, however, that a large majority of those who discussed this question before the Committee were opposed to any change which would involve the disappearance of the local board of school trustees. The arguments presented to the Committee have already been discussed.

It is admitted that the school section, the oldest institution of local self-government in the Province, and the board of trustees of the school section have performed a service of the greatest value to the Province over a period of more than a century, and that, until recent years, the school section was capable of providing that type of training which met the educational requirements of the children who resided within its boundaries. It is suggested, however, that this problem will be solved satisfactorily by looking forward rather than backward.

Certain general principles applicable to this situation are submitted by the Committee for consideration. Decisions regarding the formation of larger units of administration should be formed solely in relation to the promotion of the best interests of the children of the community. The form of organization of rural education which is likely to prove most satisfactory will grow out of the needs of the community, and will not be imposed arbitrarily from without. By reason of the great differences in climate, in facilities for transportation, and in the physical character of different regions within the Province, it is doubtful if any single type of administrative unit will prove to be satisfactory throughout the entire Province. The extent of the administrative unit should be determined in relation to conditions existing within the local community. It is conceivable that during the next several years the most satisfactory system of local administration will be one which will present variety and diversity of form. The advantages of uniformity of organization—advantages usually more apparent than real—should not be allowed, during what seems likely to be a period of transition, to interfere with the evolution of types of administrative organization which may grow naturally out of the special conditions existing in each community. It is conceivable that it would not be a misfortune if several different forms of administrative organizations for school purposes were to flourish side by side within the Province of Ontario.

It is unfortunate that the idea of a larger unit of administration should have become associated with the consolidation of schools and the erection of new school buildings which would increase the burden of taxation. The fear of the closing of schools, likewise, has caused the formation of larger administrative units to be regarded unfavourably. Were larger units formed, the right of determining whether schools should be closed or new buildings constructed would be vested in the local board.

No changes in the organization of the rural school system are likely to be adopted extensively until the advantages claimed on their behalf have been demonstrated in practice. The Committee believes that the support of local opinion is a condition essential to the successful operation of larger units of administration, and that such favourable opinion cannot be created until there is more evidence than is now available for the determination of the merits of the proposed changes. The Committee, therefore, suggests that encouragement should be given to the undertaking of experiments with larger units of administration in communities in which public opinion is favourable to such changes and general conditions are such as would permit the demonstration of the advantages of the proposed form of organization. It is suggested, further, that these experiments should not be confined to one type of larger unit, but that opportunity should be provided for determining the merits of units varying in size from a small group of school sections to an entire township. The conclusions to be drawn from these experiments should be determined in relation to the character of the training provided as well as to the cost of such training.

SUMMARY OF CONCLUSIONS AND RECOMMENDATIONS

I. GENERAL CONCLUSIONS

1. That the total cost of education as well as the cost per pupil in elementary and secondary schools increased steadily from 1910 to 1930, but since that year has declined gradually.

2. That the increase in the cost of education was due (a) to the demand on the part of parents and employers for a longer period of training for youth in secondary schools and for a type of training which involved relatively large capital expenditures for buildings and equipment, and (b) to the necessity for employing a larger number of teachers and to an increase in the salaries of teachers, due largely to the post-war increase in the cost of living.

3. That the decline in the cost of education since 1930 has been due chiefly to a reduction in teachers' salaries; that during the next ten years there should be a reduction in the amounts required annually for the retirement of debentures; and that during this period teachers' salaries are likely to be increased rather than reduced, because of a decline in the supply of teachers.

4. That the attendance at secondary schools is not likely to decline until there is an extension of opportunities for the employment of adolescents, and, consequently, that the number of teachers required is not likely to be reduced.

5. That criticism of the cost of education has been directed chiefly to the incidence of the taxes required for its payment, and, particularly, to the unequal distribution of the burden of taxation between real estate and other forms of property, between different municipalities, and between different groups in the same municipality.

6. That it is desirable that the burden of taxation on real estate should be reduced, and that, as a means to that end, consideration should be given to the taxation by the Province of other forms of wealth and to the distribution of the proceeds of such taxation to the municipalities in the form of increased grants in aid of education.

7. That there is great inequality in the assessed value of the taxable property of secondary school districts and of public school and separate school sections throughout the Province, and, consequently, in the mill rates of the taxation which must be imposed for the support of education.

II. RECOMMENDATIONS

(a) General

1. That a rigid supervision be exercised over the expenditures of school boards for new buildings, to the end that such expenditures may not be made unnecessarily.

2. That, as a means by which interest charges may be reduced, boards of education and school boards should be permitted to set aside from their annual revenues an amount not exceeding the product of a mill of taxation for the purpose of providing moneys for new buildings when they are required, and that these moneys should be placed in the custody of the Provincial Treasurer to accumulate at compound interest at current rates and to be paid to the boards only with the approval of the Minister of Education.

3. That the differences in the value of the taxable property of large urban centres and of adjoining suburban municipalities are so great as to make it extremely difficult to provide equality of opportunities for obtaining an education in these areas, and that it is desirable to undertake a special enquiry into the wisdom and feasibility of creating "Metropolitan Areas" for the purposes of education.

4. That the Provincial grant, both for secondary and elementary schools, should be employed to a greater extent than hitherto as a means for equalizing the cost of education throughout the various sections of the Province, and, to that end, that the amount of the grants should be proportionately greatest where there is the greatest need as represented by the assessed value of the property available for the support of education.

5. That, if local assessments are to be used as a standard for the measurement of local needs, a Provincial equalization of assessments should be undertaken.

6. That, as a means for effecting economies in administration, the elections of all school trustees in urban municipalities be conducted at the same time as the municipal elections and by the same officials.

7. The Committee is unable to recommend the adoption of a schedule of salaries, applicable throughout the Province, to be paid to teachers in secondary and elementary schools.

(b) Secondary Schools

1. That the courses of study in the first two years should be devised in such a manner as to provide a good general education for those pupils who are not likely to require the more specialized training of the senior grades. In this manner, the pupils who should be encouraged to enter the senior grades might be selected more carefully, their numbers limited, and the cost of education reduced.

2. That a close co-ordination of the work of the senior grades of the elementary schools with that of the junior grades of the secondary schools be effected as a means whereby the maximum of advantage may be obtained from the use of buildings and equipment.

3. That, in urban centres in which there is a surplus of accommodation in the elementary schools, consideration should be given to the transfer to these schools of classes enrolled in the first year, or first and second years, of the secondary schools.

4. That the organization of Fifth Classes, providing an adequate course of study for two years, be encouraged in centrally located rural elementary schools as a means for the reduction of the attendance at secondary schools.

5. That the payment of the cost of education of "county pupils" be made in such a manner that all secondary school districts assume the cost of education of pupils residing in the district and be relieved of further payments except for vocational training, and that the cost of pupils residing outside of secondary

school districts be borne equally by the municipality in which they reside and the county exclusive of secondary school districts.

6. That, for the purposes of computing grants, grade A and grade B continuation schools be considered as high schools and grade C continuation schools as elementary schools conducting Fifth Classes.

7. That every part of a county should ultimately be incorporated in a secondary school district.

8. The Committee believes that advantages will be gained by the formation of county boards for the supervision of secondary education, but that such boards should not be created until all parts of a county are included within a secondary school district.

9. That the Provincial grants for secondary education be increased.

10. That, in the apportioning of Provincial grants for high schools and collegiate institutes, greater attention should be paid to the need of the local community as represented by the amount of its taxable property, and, more specifically, that grants should be paid on account of teachers' salaries and of attendance in relation to the assessment of the district.

11. The Committee is unable to recommend that a change should be made at the present time in the age of compulsory attendance at school.

12. The Committee is unable to recommend that any change should be made at present in the composition of advisory vocational committees.

(c) Public and Separate Schools

1. That township grants required to be paid by statute should gradually be restored to the amounts paid in 1933.

2. That provision should be made for a more thorough auditing of the books of treasurers of rural elementary schools and that the warrant of the local School Inspector for the payment to elementary school boards of the proceeds of local tax levies should no longer be required.

3. That the appropriation made by the Legislature of the Province for public and separate schools should be increased substantially.

4. That, in the apportionment of the Legislative grant among the several school boards, the need of the school area, whether it be urban or rural, as represented by the equalized assessment of its taxable property, should be considered to a greater extent than hitherto, and, in particular, that the grant paid on the basis of school attendance should be increased, and should be apportioned in such a manner as will increase the grant per pupil relatively as the unit of assessment per pupil in average attendance declines.

5. That the grants for maintenance payable to school sections or urban municipalities with low assessments should be increased for those sections or municipalities with an assessment per classroom of less than $30,000.

6. That the payment on teachers' certificates for rural public and separate schools should be discontinued, and that the amount appropriated for this purpose should be added to the appropriation for the grant on teachers' salaries payable to rural schools and to those in small urban centres.

7. That special consideration be given to the peculiar difficulties encountered by boards in certain sections of Northern Ontario in the collection of taxes, by reason of conditions associated with such industries as mining and lumbering and the supplying of pulpwood.

8. That the concentration of the work of the Fifth Classes in rural elementary schools should be encouraged as a means, not only for reducing costs,

but for the improvement of the character of the instruction, and that consideration should be given to the employment of itinerant teachers for special subjects.

9. That, where economies can be effected by teaching Fifth Class work in urban and rural elementary schools, the establishment of such classes should be encouraged by the payment of special grants to elementary school boards.

10. The Committee is unable to recommend the immediate adoption generally throughout the Province of any different type of unit of administration for rural public schools, but does recommend that specific encouragement should be given to the undertaking of experiments with different types of larger units of administration for the purpose of determining the merits of such larger units as compared with the present system of organization.

D. McArthur, Chairman
G. F. Rogers, Vice-Chairman
E. C. Desormeaux
V. K. Greer
W. T. Kernahan
E. L. Longmore
B. B. Patten
John Stuart

APPENDIX B.

SUMMARY OF MEETINGS OF THE COMMITTEE OF ENQUIRY

First Session—Held at Toronto, May 10th, 1935

This meeting was devoted to a discussion of the procedure to be followed by the Committee and to the character and extent of the information which the Committee should obtain. The Committee decided to make an extensive study of the following areas with respect to the cost of public, separate, and secondary school education:

Counties:	Carleton, Dufferin, Hastings, Lincoln, Middlesex, Prescott and Russell, Prince Edward, Simcoe, York.
Districts:	Four Townships—to include two organized and two unorganized townships in each of the public and separate school inspectorates.
Urban Centres:	Cobalt, Hamilton, Oshawa, Ottawa, Peterborough, Port Arthur, St. Thomas, Sudbury, Timmins, Woodstock.

Consideration was given to the form of questions to be submitted to county clerks, township clerks, and Public and Separate School Inspectors.

In answer to a question raised by Mr. Desormeaux, the Chairman expressed the opinion that the Committee would not be expected to make any recommendation on the question of the division of corporation taxes between the public schools and separate schools of the Province, but that it would be in order to collect data relating to that question.

Second Session—Held at Toronto, June 10th and 11th, 1935

Consideration was given to a proposal made on behalf of the Educational Finance Committee of the Ontario Secondary School Teachers' Federation that the Committee should be willing to obtain information regarding the cost of education in countries other than Canada, and it was decided to suggest to the Educational Finance Committee that information regarding the cost of education in English-speaking countries outside of Canada would be of value to the Committee.

Consideration was given to reports received from county clerks and township clerks regarding the cost of education in their respective districts.

Third Session—Held at Toronto, June 24th, 1935

Mr. J. F. Uffen and Mr. F. S. Rutherford of the Department of Education explained to members of the Committee the system of grants to the vocational schools. Mr. F. L. Woodley of the Department of Education explained in detail the system of regular and special grants made to elementary schools.

Consideration was given to questions relating to the equalization of assessment in the several counties of the Province.

Fourth Session—Held at Hamilton, June 25th and 26th, 1935

Rev. Father Joseph Englert, Chairman of the Separate School Board of the City of Hamilton, presented a statement containing information regarding the financial position of the Separate School Board, and suggested:

1. That legislative grants be based on the ratio of attendance to assessment.
2. That the representation of separate school supporters on a municipal board of education should be increased.
3. That children be not compelled to attend school until they reach the age of six years.

Mr. J. F. Sullivan, Separate School Inspector for Hamilton, presented further information regarding enrolment in the separate schools of that city.

Mrs. Roberts and Mrs. Miller, representing the National Council of Women, urged that Household Science and Manual Training should be made compulsory in the course of study of the Lower School grades in the secondary schools.

Mr. F. E. Perney, Chief Inspector of Schools of the City of Hamilton, stated that, as a measure of economy, classes in Household Science and Manual Training in the collegiate institutes had been discontinued, but that the time-tables of the academic schools and vocational schools had been arranged so that a number of pupils could secure such training in the vocational schools of the city.

His Worship, Mayor H. E. Wilton, Controller Nora F. Henderson, Controller DuMoulin, Mr. E. R. C. Bower (City Treasurer), and Mr. A. J. Polson, K.C. (City Solicitor) appeared before the Committee on behalf of the city. Mr. Bower presented statements indicating the cost of education in Hamilton for the years 1920 to 1935, and expressed the opinion that the increase in taxation for school purposes was due largely to the operation of The Adolescent School Attendance Act and the issuing of debentures for the provision of accommodation for adolescents in vocational schools and collegiate institutes.

Controller Henderson advocated:

1. More effective control of expenditures made by boards of education.
2. Reduction of expenditure on school buildings and equipment.
3. That a board of education should receive only a proportionate amount of its requisition when all taxes are not collected.
4. That a greater portion of the cost of education should be borne by the Province.

Mr. Klein, President of the Welland Trustees' and Ratepayers' Association, presented statistics showing the inequalities of the cost per pupil day in both the elementary and the secondary schools of Welland County. He proposed:

1. That a municipality which made provision for secondary education of its own pupils should not be required to contribute further to the cost of secondary education.
2. That a municipality should not be required to share in the principal part of debenture instalments for school buildings erected in another municipality.
3. That there should be no fixed assessments in connection with the county levy for educational purposes.
4. He favoured the county unit of administration for secondary school purposes, and believed that the union of two or more school sections would tend to reduce the cost of education.

Mr. W. E. Boys, Secretary-Treasurer of School Section No. 9 Pelham Township, presented information relating to the cost of education in that township. He was of the opinion that the union of two or more sections would be advantageous in many cases.

The Hamilton Board of Education, through its Chairman, Mr. MacBeth, and its Secretary, Mr. Foster, made certain suggestions regarding amendments to the school law of the Province, and in particular:

1. That power be given boards of education to set up a depreciation account
2. That no greater control be given to municipal councils than they now have over the finances of boards of education.
3. That Provincial grants should be increased, and, particularly, in connection with Household Science and Manual Training.

Mr. William Attridge, Secretary-Treasurer of the Waterdown and East Flamboro High School Board, stated that the system of rebates paid to high school districts was unfair, and urged that all parts of a county should be included in a high school district.

Major Connon, a member of the same Board, recommended that a county board should be established for both elementary and secondary schools. The opinion was expressed that at least 25 per cent. of the capital cost of a school building should be borne by the municipality in which it is located and the balance raised by a uniform rate spread over the district served by the school.

Mr. F. H. Clark, Warden of the County of Welland, Mr. H. E. Killam, Reeve of Pelham Township, Mr. Roland F. Booth, Reeve of Stamford Township, and Mr. W. L. Near, Reeve of Humberstone Township, appeared before the Committee. They referred to the problems involved in the making of fixed assessments of properties for educational purposes. In Port Colborne, fixed assessments reduced county assessments by four million dollars. Information was presented regarding the special problems connected with the Fenwick school district and Humberstone Village.

A delegation from the City of Welland, composed of Mr. W. J. Thomas and Mr. F. H. Hesler of the Board of Education, Mr. J. W. Teskey, Secretary-Treasurer of the Board, Alderman A. W. Harcourt, Alderman J. R. Joyce, and Mr. A. L. Smith, President of the Welland Board of Education, appeared before the Committee. Alderman Harcourt referred to the application of The Adolescent School Attendance Act as being largely responsible for the increase in the cost of education in Welland. He suggested that the age of compulsory attendance be reduced to 15 years and that pupils who did not complete the secondary school course in six years should be charged fees. Alderman Joyce expressed the opinion that the elementary school should provide the course now given in the first year of the high school, and that a system of scholarships should be established to encourage brighter pupils to attend high schools.

Mr. E. Culver, representing the Norfolk Chamber of Commerce and the Trustees' and Ratepayers' Association, presented resolutions favouring:

1. The extension of the public school course to include the work of the first two years of the high schools.
2. The reduction of the age of compulsory attendance to 14 years.

Mr. James Aitken, a member of the County Council of Brant County, expressed the opinion that more advanced work than is now being given in the elementary schools might be undertaken in centrally located schools. He expressed himself as satisfied with the operation of the 50-50 system for the distribution of the cost of county pupils.

FIFTH SESSION—HELD AT TORONTO, JUNE 27TH, 1935

Dr. Frank Walker, a member of the Board of Education of the City of Toronto, expressed certain of his own personal views with respect to the operation of the Vocational Act of 1921, and favoured the abolition of advisory vocational committees.

Mr. Drummond Wren, an appointed member of the Advisory Vocational Committee of the Board of Education of the City of Toronto, denied that there was any conflict between the Board of Education and the Advisory Committee. He urged the co-operation of representatives of industry and employees in the consideration of problems of education.

Dr. Minerva Reid expressed similar opinions.

Mr. Henderson, Secretary of the Separate School Board of Toronto, pointed out that separate school supporters contributed to the maintenance of Fifth Classes in the separate schools and, in addition, helped to maintain the Lower School work in secondary schools, notwithstanding the fact that few pupils from the separate schools attended the classes of the Lower School.

Mr. J. Ferris David, President of the Ontario School Trustees' and Ratepayers' Association, presented to the Committee the recommendations of its executive. These recommendations dealt largely with the organization of the courses of study, and suggested that the total cost of secondary education should be borne by the state. They recommended that experiments be undertaken in the operation of township boards. The Association recommended the equalization of teachers' salaries in elementary and secondary schools, and that the age of admission to school should be raised to 6 years. Mr. M. A. Campbell, Secretary of the Trustees' and Ratepayers' Association, stated that opinion in favour of larger units of administration for school purposes was increasing.

Mr. E. J. Evans of Simcoe County referred to the unfairness of the system of rebates given to high school districts, and was opposed to the paying of township grants to continuation schools under Section 109 of The Public Schools Act.

Sixth Session—Held at Ottawa, July 8th and 9th, 1935

Mr. V. C. Phelan, a member of the Ottawa Collegiate Institute Board, urged the provision of greater facilities for the teaching of Conversational French in the secondary schools.

Dr. J. H. Putman, Chief Inspector of Public Schools for the City of Ottawa, explained in detail the organization of the public schools of Ottawa, and, in particular, of the five central schools for the teaching of High School Entrance work on the rotary plan. He submitted reasons for advocating the addition of two years' work to that now being done in the elementary school. He expressed the opinion that the intermediate system of organization could be extended to rural areas with the adoption of a larger unit of administration.

Mr. C. A. Latour, Inspector of French Separate Schools in Ottawa, and Mr. F. J. McDonald, Inspector of English Separate Schools in Ottawa, presented information relating to the schools over which they have charge. Mr. McDonald expressed the opinion that The Adolescent School Attendance Act did not operate to increase the attendance at schools to a great extent.

Mr. J. G. Elliott advocated the placing of both elementary and secondary education under a municipal board and requiring the municipality to bear the entire cost.

A delegation from the Township of Nepean, consisting of Mr. G. S. Wrong, a member of the Nepean Township Council, Mr. J. E. Cole, the Chairman of the Nepean High School Board, and Mr. A. E. Morris, Clerk of the Township of Nepean, contended that the Nepean High School District pays the full cost of secondary education within the district and, in addition, part of the cost of the education of pupils from other parts of the county, and urged that the high school district should not be required to contribute a share of the rebate which it received from the county. They suggested that pupils from a high school district should not be regarded as county pupils.

Mr. T. P. Maxwell, Public School Inspector for the County of Carleton, expressed the opinion that a county board of education would not be acceptable, although he favoured a larger unit than the school section. He stated that Fifth Class work was not being done satisfactorily in ungraded schools. In his inspectorate there were thirteen continuation schools for which the school area was only one section.

Mr. J. C. Spence, Public School Inspector for Carleton, expressed the opinion that the generous character of the grants encouraged the maintenance of a larger number of continuation schools than was necessary. In general, Fifth Class work was done well in graded schools, but was not done satisfactorily in ungraded schools. He was of opinion that the union of two or more school sections, where transportation could be provided, would result in an improvement in the quality of the instruction provided.

Mr. W. J. Stewart, Public School Inspector for Dundas County, expressed the opinion that Fifth Class work done in ungraded schools is not satisfactory. The fear of the reduction of the value of farm lands and sentimental attachment to existing schools made it difficult for trustees to close schools where the attendance was low.

Mr. J. S. Gratton, Separate School Inspector, Plantagenet, Mr. F. Choquette, Separate School Inspector, Ottawa, Mr. Gordon Young, Public School Inspector, Kemptville, and Mr. C. B. Routley, Public School Inspector, Russell, gave the Committee information relating to the condition of schools in their several inspectorates.

A deputation from the Ottawa Public School Board and the Collegiate Institute Board presented information relative to the cost of education in the public schools and the collegiate institutes. Mr. Cecil Bethune, Business Administrator of the Collegiate Institute Board, attributed the increase in the cost of secondary education to salaries, buildings, and increased attendance—due, in part, to the lack of employment and to the operation of The Adolescent School Attendance Act.

Mr. G. H. Clarke was opposed to reducing the age of compulsory attendance. He favoured the establishment of an intermediate school, which would provide traning for a period of two years after the passing of the High School Entrance examination.

Mr. Patten, Principal of the High School of Commerce, Ottawa, discussed fully conditions in the school of which he is Principal.

A committee of the Ottawa Separate School Board, composed of Mr. Adelard Chartrand, Mr. William Unger, Mr. E. V. McCarthy, and Mr. Albert Pereas, appeared before the Committee and stated that, while the number of pupils attending the separate schools of the City of Ottawa was approximately the same as the number attending the public schools, the tax rate for separate schools is double the tax rate for public schools. The Board found great difficulty in providing accommodation for the increasing school population. They recommended that:

1. Where there is no Kindergarten, the age of attendance should be placed at 6 years.
2. That two years of high school work should be added to the courses in the elementary schools.

3. That the Legislative grants to elementary schools should not be less than 25 per cent. of the total levy.
4. That provision should be made for the conducting of the election of separate school trustees in urban centres by the municipal council at the same time as the municipal elections.
5. That boards should be given authority to redeem debentures before maturity.

Mr. Unger expressed the opinion that, when separate school boards provide instruction for Fifth Classes, the separate school supporters should not be required to pay for the maintenance of similar classes in secondary schools.

Dr. Proudfoot of Russell Village urged the importance of making better provision for the teaching of French to English-speaking pupils. He favoured a larger unit of administration for both secondary and elementary schools.

Mr. F. A. Senecal, Secretary of the Educational Committee of the County Council of the United Counties of Prescott and Russell, presented a report of that Committee, which suggested, among other things, the imposition of further taxes, including income, amusements, meal service in hotels and restaurants, as a possible source of revenue to be used for the purposes of education.

Mr. Thomas Stabo, Secretary-Treasurer of U.S.S. 22 and 23 Mountain and Winchester, expressed the opinion that the burden of the cost of education was not equitably distributed. He favoured the extension of the work of the public school to include the first two years of the high school, and expressed doubts as to whether a township board would understand adequately the needs of different rural schools.

Dr. Putman submitted a statement indicating the following advantages associated with the adoption of a county unit of administration:

1. County machinery already established.
2. A qualified director could be appointed for each county.
3. Schools could be placed at more strategic points.
4. A purchasing department could procure supplies advantageously.
5. Better recognition could be given to special subjects, such as Agriculture, Art, Household Science, etc.
6. A full time officer for Health Service.
7. Better libraries and better use made of them.

SEVENTH SESSION—HELD AT CORNWALL, JULY 10TH, 1935

Mr. J. E. Tallon, Secretary of the Cornwall Separate School Board, presented information relating to the cost of education in the separate schools of Cornwall. The mill rate of 10 mills is double that required for the public schools, and, because of the lower mill rate for public school purposes, property of the value of $200,000 belonging to Roman Catholics was not assessed for separate schools. He contended that property in the township was assessed at about one-half the rate of property in the town.

Mr. J. G. Cameron, Chairman of the Public School Board, stated that the Board had no grievances to present. There were no Fifth Classes in the public schools, although the collegiate institute was overcrowded.

Mr. G. S. Kilgour of the Cornwall Public School Board urged that the age of pupils for admission to the elementary schools should be raised to six years.

Mr. A. H. Parker, a member of the Public School Board of Cornwall, expressed the opinion that the Board would be able to provide for two additional years in the elementary schools if such a system were adopted throughout the Province. While personal income was assessed in Cornwall, the collection of taxes from this source might be increased.

Mr. C. B. Routley, Public School Inspector for the Counties of Prescott, Russell, and Carleton (in part), discussed certain phases of the financing of education in his inspectorate. The maximum mill rate of the local levy in Russell County was 9.5 mills; the average mill rate was 3 mills. Inasmuch as public schools in that County are scattered, there would be difficulty in transporting pupils to a central school.

Mr. James Froats, Public School Inspector for the County of Stormont, stated that several school sections in his inspectorate had no section levy, and that the average levy was about 3 mills. The idea of consolidated schools and a higher cost of education have been associated in the minds of the people of his county with township boards. In his opinion, Fifth Class work was not being done satisfactorily in ungraded schools.

Mr. C. P. Matthews, Separate School Inspector, dealt with the work of Fifth Classes in his inspectorate. The majority of the pupils in his inspectorate who passed the Entrance attended Fifth Classes rather than collegiate institutes, and were there no such classes most of the pupils would not continue at school. He favoured a larger unit of administration and the appointment of itinerant teachers for such subjects as Agriculture, Manual Training, Household Science, and Art.

Mr. J. S. Gratton, Separate School Inspector, referred to the lack of adequate accommodation for separate school pupils in his inspectorate.

A delegation, representing the County Council of the United Counties of Stormont, Dundas, and Glengarry, composed of Mr. G. L. McIntosh, Mr. Arthur Flynn, and Mr. A. K. MacMillan, presented the following recommendations:

1. That the Province should bear a greater part of the cost of secondary education.
2. That the first year of high school work should be undertaken in the public school, and that the first year of university work should be undertaken in the high school.
3. That secondary education be free to all pupils, but that fees should be charged certain pupils who attend the Normal Schools.

Mr. Flynn suggested an increase in the Amusements Tax, and the imposition of a Provincial income tax as a means for securing larger revenue for education and relieving the burden imposed on land. In his opinion, county boards would distribute the cost of education more equitably, and the ratepayers would not be opposed to township boards if they were to become convinced that the cost of education would not be increased.

Dr. McKendry, Chairman, and Mr. John McCormack, Vice-Chairman, of the High School Board of Winchester, were opposed to the formation of a county board because they feared that members would not take as great an interest in all the schools as a local member would. They were opposed to the system of rebates to secondary schools in urban municipalities.

Mr. Moffat of the Winchester Public School Board favoured the continuing of the school section as a unit of organization as a means of maintaining interest in education.

Mr. A. J. Macdonald, Clerk of the Township of Lancaster, presented certain facts relating to the cost of secondary school education in the Williamstown High

School District. The ratepayers of the township had been refused by the county council the right to withdraw from the Williamstown High School District.

Mr. W. S. Robertson, Chairman of the Board of Education of the Town of Perth, urged the importance of vocational training in high schools and collegiate institutes, and suggested that a Provincial income tax might provide additional revenue for educational purposes.

EIGHTH SESSION—HELD AT KINGSTON, JULY 11TH, 1935

Mr. F. P. Smith, Public School Inspector for Kingston, stated that the cost of management of the Kingston public schools could not be reduced without decreasing teachers' salaries. He approved of the undertaking of Fifth Class work by elementary schools, but stated that in Kingston there would be difficulty in securing accommodation.

Mr. S. A. Truscott, Public School Inspector of Frontenac County, stated that the assessment per school section varied in his inspectorate from $10,000 to $265,000. There were at least twelve schools with an attendance of ten or fewer pupils. Sixteen schools in his inspectorate did Fifth Class work, which he found to be satisfactory in graded schools and to be fairly well done in ungraded schools if the total attendance in the school were not too large. In his opinion, if these classes were not offered, at least one half of the pupils would not attend the secondary school. He advocated a special course of training in Normal Schools for those who intended teaching in rural schools.

Mr. M. R. Reid, Public School Inspector for Lennox County, stated that Fifth Class work was being done satisfactorily in the graded schools of his inspectorate. There were fifteen schools with an attendance of ten or fewer. Opposition to the larger unit of administration was based on fear of increased costs and of the consolidation of schools. He found the present grant system satisfactory provided that no *pro rata* reduction was necessary.

Mr. Melbourne Brooks, Secretary-Treasurer of U.S.S. 10, 11 Camden East and Portland, pointed out certain inequitable features of the public school grant system as it applies to his township. Small school sections were accumulating surpluses as the result of receiving greater assistance than was necessary.

Mr. T. E. Doolan, Secretary of the Kingston Separate School Board, presented certain recommendations on behalf of the Board:

1. That, inasmuch as separate school supporters maintained Fifth Classes, they should not be required to contribute to the maintenance of Lower School forms in collegiate institutes and high schools.
2. That the age of entrance to elementary schools be fixed at six years.
3. That boards of trustees be reduced in number, and that they be elected by a general vote.

Mr. R. J. McLelland, a resident of Pittsburgh Township, urged the advantages which would be associated with establishing two or three schools in a township in which Agriculture could be taught more satisfactorily than at present. The county should contribute to the education of a pupil in an agricultural school or college in the same manner as if he attended a vocational school.

Mr. William Jelly, Clerk of the Counties of Leeds and Grenville, referred to the variation from 26.2 cents to 99 cents in the cost per pupil day of pupils in the secondary schools of the Counties of Leeds and Grenville. He stated that several continuation schools in his county were accumulating surpluses from year to year, and that there were other cases in which the continuation school was maintained without a local levy. He criticised the township grant based on the salaries of teachers of continuation schools and the requirement that rural taxpayers should contribute to the payment of debentures for high school or collegiate institute buildings in which they have no equity.

Mr. R. A. A. McConnell, Public School Inspector for part of Lanark County, stated that fourteen sections in his inspectorate had no local levy, and that of the remainder the local levy varied from 2.2 mills to 17 mills. Twelve schools in his inspectorate were undertaking Fifth Class work. If this instruction were not offered, the pupils would not likely attend a secondary school.

Mr. T. C. Smith, a former Public School Inspector, expressed the opinion that Fifth Classes have done excellent work. He favoured adding the first two years of the high school course to the curriculum of the public schools.

Mr. C. P. Matthews, Separate School Inspector of Kingston, indicated that the chief financial problem within his inspectorate related to the provision of adequate accommodation. Fifth Class work was offered in most of the schools in his inspectorate, and, in his opinion, was being done satisfactorily. In Kingston the cost of Fifth Classes was approximately $13 per pupil.

Mr. Norman Miller, Professor of Mathematics at Queen's University, asked that a change should be made in the regulation preventing the payment of grants to Fifth Classes established in high school districts. He was in favour of the intermediate school type of organization with a flexible course of study.

Mr. J. F. McGuire, Inspector of Public Schools in the Counties of Leeds and Grenville, stated that there were in his inspectorate twenty schools with an attendance not greater than ten, and that broken land areas made it difficult to combine sections. Fifth Class work was being offered in ten or twelve schools in his inspectorate. He did not believe that the continuation school with only one school section in the district was fair to the county. He preferred the county unit to the township unit, as the township would be too small to support the necessary special services.

Mr. T. R. McEwen, Public School Inspector for Frontenac North and Addington, stated that the assessment of school sections in his inspectorate ranged from $920 to $212,000, and that in one school section the mill rate was 39 mills. There were twenty-eight schools in his district with an enrolment not greater than ten. Fifth Class work was being offered in twenty schools, and was being well done in the graded schools and even in the ungraded schools if the teacher were competent and experienced.

Mr. F. W. Danby, Principal of the Kingston Collegiate and Vocational School, stated that the cost per pupil per year in the academic high schools of Kingston was $63.43 and in the technical school $74.30. The collegiate institute could provide accommodation for from 150 to 200 more students. He was favourable to Fifth Classes when the accommodation in the secondary schools became inadequate.

Mr. J. G. Walker, President of the Trustees' and Ratepayers' Association of the Counties of Frontenac and Addington and a member of the Sydenham High School Board, was in favour of the standardization of salaries for secondary schools. He favoured conducting Fifth Classes in selected centres, and thought that the Province should contribute a larger share of the cost of secondary education.

NINTH SESSION—HELD AT PORT ARTHUR, JULY 15TH, 1935

Mr. W. A. Wilson, Public School Inspector for Port Arthur and Fort William, provided information regarding the cost of education in these centres. The cost per pupil in Port Arthur was $84.21. The cost per pupil in the collegiate institute was $123.71, and the vocational school $168.87 per pupil. There were six Fifth Classes in Port Arthur with an average attendance of twenty-eight pupils per class. In his opinion, the work of these classes compared favourably with that being done in the collegiate institutes. He mentioned the following advantages in having high school pupils taught in Fifth Classes:

1. Better environment for early adolescent boys and girls.
2. Their attitude towards their work generally was more commendable.
3. The type of discipline was better suited to pupils of their age.
4. That pupils do better work under one or two teachers who take a personal interest in them than under several whom they do not know well.

He was favourable to making Household Science and Manual Training compulsory in the first years of the secondary school course.

Mrs. E. Carlson, a member of the Board of Education, favoured the introduction of Household Science and Manual Training in the public schools as well as in the vocational schools and collegiate institutes.

Mr. L. J. Williams, Public School Inspector for the Thunder Bay District, presented information relating to the cost of education in his inspectorate. He was of opinion that administrative costs could be reduced if it were possible to group sections. He discussed the operation of township boards in the municipality of Neebing and in the Township of Conmee. There was serious inequality in the distribution of the cost of education in his district. He made special reference to a grievance in the case of unpatented lands, which cannot be sold for taxes. Farms in pulpwood areas were being abandoned as soon as the pulpwood was removed, leaving no assets which could be disposed of for the payment of school taxes. Fifth Class work was being offered in half of the schools of his inspectorate, and in general was being done satisfactorily. The difficulty of providing transportation in Winter would operate against the concentration of Fifth Class work in certain central schools.

Mr. J. A. Keatley, a representative of the Dorion Consolidated School, presented information relating to the cost of education in the school district. The school building had cost $30,000, which was too expensive for the community served. The assessment of the district was between $80,000 and $90,000, whereas the school rate was 50 mills. The total yearly expenses amounted to $8,500, of which transportation costs were $2,670. He stated that parents demanded that buses go to each home for the pupils, thus increasing the cost of transportation.

Mr. A. J. McComber, Barrister, appeared before the Committee on behalf of the Separate School Board of Port Arthur. The assessment for separate schools in the City of Port Arthur was $2,539,456, while that for public school purposes was $24,930,328. The separate school rate was 10.37 mills, and the public school rate 7.3 mills. He stated that a number of separate school supporters transferred their property to the public school panel as soon as their children left the separate schools. The separate schools had more than one fifth of the school population and only one twelfth of the assessment for public schools. The cost per pupil in the collegiate institutes was $121.34, in the vocational schools $168.87, in the public schools $84.21, and in the separate schools $37.24.

Mr. McComber, who also acts in collaboration with the sheriff in the collection of school taxes, made the following recommendations regarding the collection of taxes in unorganized districts:

1. That the work of collection should be concentrated in the office of the sheriff, and that a complete record should be kept there.

2. That the tax bills be sent out from the sheriff's office.
3. That the sheriff arrange for appeal cases.
4. That special provisions should be made for dealing with the collection of taxes in the unorganized districts of the Province.

Mr. W. J. Greening, Separate School Inspector for R.C.S.S. Division No. 1, stated that he had no problems of serious difficulty in the rural schools of his district. The minimum attendance in any of his schools was twenty. The work being done in Fifth Classes he regarded as satisfactory.

Rev. Father Dallaire, representing the Separate School of Kenora, presented information relating to the operation of that school. He regarded the Fifth Class work as very satisfactory. The separate school rate was the same as the public school rate, while the total tax rate was 47.5 mills. It was estimated that the assessment represented approximately 60 per cent. of the real value of property.

Mr. J. A. LaForest presented information relating to the schools of Fort Frances. The mill rate for high school purposes was 12 mills, and for public schools was 13.1 mills, the same as that for the separate schools.

Mr. H. Spuffard, representing the Township of Shuniah, stated that the school rate in his section was 21 mills. There were formerly nine or ten schools in the township operated by one board, but dissatisfaction arose over the building of a school house in one section and the area reverted to single sections.

TENTH SESSION—HELD AT FORT WILLIAM, JULY 16TH, 1935

Mr. W. A Wilson, Inspector of Public Schools for Fort William, presented information regarding the financing of the public schools of that city. The public school mill rate was 9.1 mills. As there is sufficient accommodation in the secondary schools for all pupils who pass the High School Entrance examination, no Fifth Classes were provided. There did not appear to be any demand for Household Science or Manual Training in the public schools. There are Kindergarten classes in all the public schools, to which pupils are admitted at the age of five.

Mr. A. Adams, Secretary of the Fort William Public School Board, stated that the City Council had paid in full the requisition of the school board. He suggested that, if a reduction in Departmental grants were necessary, a year's notice should be given. The cost per pupil in the Fort William Vocational School, including debentures, was $136.00.

Mr. H. H. Green, Principal of the Fort William Vocational School, presented a survey of the work being done in that institution. He urged that graduates from commercial courses should receive equal standing with graduates from other courses. The work done in night classes is made to articulate as far as possible with the occupational work being done by the students.

Mr. Gust Matson, a representative of S.S. No. 2 Pearson, Mr. Michael Pristanski, representing S.S. No. 2 Dawson and Forbes, and Mr. O. B. Turk, representing S.S. No. 4 Gillies, made representations relating to the difficulties experienced in the collection of taxes, particularly with respect to properties that have reverted to the Crown.

Mr. E. S. Rutledge, a representative of the Taxpayers' Association of the City of Fort William, contended that the cost of education in that city was too great by reason of the high cost of school buildings and of the generous salaries paid to teachers.

Mr. J. V. Hamilton, a representative of S.S. No. 1 Blake, stated that the entire township was under one board of trustees, as it had never been divided into school sections. There were three schools in the township, which forms a part of the municipality of Neebing. Six trustees are selected from the township at large.

ELEVENTH SESSION—HELD AT SUDBURY, JULY 18TH, 1935

Mr. J. D. Wilson, Chairman of the Separate School Board of Sault Ste. Marie, referred to certain problems relating to the operation of the separate schools in that city. He stated that the separate schools were educating approximately 65 per cent. of the children in a foreign section while the parents paid their taxes to the public schools. The public school rate was 10 mills, and the separate school rate 25.5 mills. The board found it difficult to make these European people understand why they should pay the higher tax. He stated that the separate schools of Sault Ste. Marie educated one-third of the children and received one-eighteenth of the taxes.

Mr. Napoleon Cadieux, Chairman of the Separate School Board of Espanola, gave information regarding the Continuation School in Espanola, attended by both public and separate school pupils, the cost of which is borne by the two boards on a pro rata basis.

Mr. Charles Saunders of Chelmsford presented certain problems found in U.S.S. No. 4 Balfour, Fairbanks, and Creighton, relating chiefly to the difficulty of collecting taxes from the owners of property which is made up chiefly of mining claims. There are practically no chattels which could be seized for taxes.

Mr. L. L. Skuce, Public School Inspector for District No. 6, stated that the financial difficulties in his inspectorate were associated chiefly with schools in areas affected by the "back-to-the-land" movement or in districts where lumber mills had recently been forced to cease operations. He stated that the district would soon require greater facilities for secondary education than are now provided.

TWELFTH SESSION—HELD AT NORTH BAY, JULY 19TH, 1935

Mr. A. T. Hunter, representing the Iroquois Falls Public School Board, presented information relating to the operation of the public and continuation schools. High school pupils were admitted from adjoining districts. The Abitibi Pulp and Paper Company had assumed any deficit which the board had incurred.

Mr. A. M. Church, Secretary-Treasurer of the Sundridge Consolidated School, presented information relating to the financing of the Consolidated School. The rate of taxation for all purposes is 40 mills. The board received no payment on account of pupils from outside the section who were attending the Consolidated School. Mr. Church requested that payment should be made on behalf of these pupils.

Mr. J. R. Pickering, Public School Inspector for Division No. 13, stated that, even with a substantial increase in grants, there would probably be a need for continuing assisted grants in the cases of schools located in poor districts. In twelve schools the attendance is not more than ten, but in most of these transportation is not feasible during the Winter months.

Rev. J. Lambert, Parish Priest of Hearst, referred to the difficulties experienced by separate school sections in obtaining moneys for the construction of school buildings by reason of the decision of the Provincial Government to discontinue the guaranteeing of the payment of school debentures. In the Town of Hearst the separate school rate is 17 mills, and the public school rate 8 mills. Although the Inspector has urged the establishment of Fifth Classes, the board will be unable to provide funds to make possible the introduction of such courses.

Mr. Antoine Fortin of R.C.S.S. No. 2 Way presented certain criticisms of the practices followed by secretary-treasurers of school boards and of irregularities in the assessment of property and the collection of taxes.

Mr. J. P. Allen, representing the Separate School Board of North Bay, presented a memorandum which contained the following recommendations:

1. That the Province assume a greater proportion of the cost of primary education.
2. That consideration should be given to the establishment of a general proficiency course in the secondary schools of the Province.

He stated that many Roman Catholics of European origin were assessed as public school supporters in order to take advantage of the lower tax rate. The separate schools of North Bay have made no provision for Manual Training and Household Science, nor have they undertaken the work of Fifth Classes. They have no Kindergarten classes, but pupils are admitted at the age of six years.

THIRTEENTH SESSION—HELD AT STRATFORD, JULY 29TH, 1935

Mr. J. H. Smith, Public School Inspector for the City of Stratford and for South Perth, presented extensive information relating to the cost of education in his inspectorate. No Fifth Class work was undertaken in Stratford, as the high and vocational schools could provide accommodation for all pupils. No additional buildings were considered necessary for some years. The rate for public schools, including debentures, was 9.6 mills. He favoured the teaching of Household Science and Manual Training for two years in the public schools and for two years in the high schools. He heard no criticism of the teaching of Agriculture where a competent teacher was in charge of the course. There were no continuation schools in his inspectorate and few Fifth Classes, inasmuch as the area was well provided with secondary schools. There were no schools in his inspectorate with an attendance fewer than ten, and there were only two sections in which there was not a local levy for school purposes.

Mr. Harry H. Dempsey, Chairman of the Management Committee of the Board of Education of the City of Stratford, expressed disappointment at the reduction in grants to vocational schools. The rate for secondary schools in Stratford was 5.1 mills. In his opinion no unnecessary expenditure had been made on account of equipment in the vocational school. Domestic Science courses were offered during the two years of the Lower School course. An agreement had been made with the county covering the payment of the cost of educating county pupils in the secondary schools of Stratford.

Dr. E. H. Eidt, Secretary of the Board of Education of Stratford, was of opinion that there was no possibility of reducing the costs of education in Stratford otherwise than by a reduction in teachers' salaries, which he considered unwise. In his opinion real property was bearing too large a share of the cost of education. The City Council has been in the habit of paying the total amount of the requisition presented by the Board of Education.

Mr. W. L. Sprung, Principal of the Stratford Collegiate Institute, presented information regarding the character and extent of the work done in the institution. He favoured the reduction of the age of compulsory attendance to fifteen years. Many of the pupils attending the first two years in the high school courses would do equally satisfactory work in the public school if placed under competent instructors. It had been found that pupils from Fifth Classes experienced difficulty in the language subjects when they attended a collegiate institute.

Mr. H. Bonis of St. Mary's was in favour of the introduction of more practical courses of training in secondary schools. He approved of the formation of larger units of administration and of the establishment of central schools in rural areas.

Mr. A. G. Larrson, St. Mary's, was of opinion that the system of education was designed to meet the requirements of the ten per cent. of the students who attend universities rather than of the ninety per cent. who proceed no farther than the secondary school. He was in favour of the introduction of Manual Training in the secondary school rather than the elementary school. The establishment of technical schools should be confined to the large urban centres where skilled craftsmen were required.

Mr. P. J. Hishon, Secretary-Treasurer of the Stratford Separate School Board, presented information relating to the financial position of the board. The separate school rate was 10.5 mills. Few Roman Catholics were assessed as public school supporters. Fifth Class work was not being undertaken in the separate schools as the board could not find the money necessary for that purpose. Roman Catholic pupils who proceeded beyond the elementary school attended the collegiate institute.

Mr. Malcolm MacBeth, a past President of the Ontario Trustees' and Ratepayers' Association, presented a criticism of the system of paying rebates. It was unfair to the ratepayers of a high school district that they should make provision for secondary education in their own district, and, in addition, contribute towards the support of county pupils. He was of the opinion that every part of a county should be included in a high school district, and favoured the formation of county secondary school boards. He felt that central schools might properly be established to undertake the work of the Lower School in districts not served by continuation schools.

Mr. J. F. Vandrick, Reeve of Listowel and Chairman of the Educational Committee of the County Council of the County of Perth, complained of the existing system for the payment of the cost of secondary education. The people of Listowel supported the high school, and were required to contribute to the maintenance of county pupils. In his opinion, there was too great a variation in the cost of county pupils in the different townships. He favoured the payment by the local district of a substantial part of the cost of the secondary education of its pupils. He offered suggestions regarding the alteration of the courses of study in secondary schools to provide more practical courses and a greater degree of flexibility to meet peculiar local conditions.

Mr. Joseph Nagel, Reeve of Hibbert Township and a member of the Educational Committee of the County Council of the County of Perth, expressed the opinion that each township should pay the cost of its own secondary school pupils; the differences in the cost of secondary school education in adjoining townships could not easily be justified. Sections which provided secondary education for their own pupils should not be required to contribute to the cost of education of county pupils.

Mr. James Donaldson of Listowel, a member of the High School Board, suggested that the cost of secondary education might be borne in equal parts by the Province, the county, and the local municipality.

Mr. H. J. Prueter, Inspector of Public Schools in Kitchener, presented information relating to the cost of education in that city. The rate for public school purposes, including the cost of Fifth Classes, was 10.25 mills. Seven Fifth Classes were in operation where one year of secondary school work is undertaken. No vocational students were admitted to these courses. The work, in his opinion, was done in a manner satisfactory to the parents of the pupils.

Mr. Houston of the Kitchener Board of Education expressed himself as favourable to the undertaking of Fifth Class work in the public schools, and indicated his satisfaction with the system adopted in the City of Kitchener.

Mr. W. Howlett, Reeve of the Township of Woolwich and Chairman of the Finance Committee of the County Council of the County of Waterloo, favoured the introduction in public schools of Fifth Classes undertaking two years of the high school work, and the grouping of schools for the teaching of Agriculture, Household Science, and Manual Training. He expressed his own approval of the introduction of a system of township boards for elementary schools.

Mr. J. H. Steiss, Treasurer of Woolwich Township, discussed conditions in his own township, and Mr. Archie Ferguson discussed conditions in the Township of North Dumfries.

Mr. J. Steckle, Reeve of Waterloo Township, representing the Trustees' and Ratepayers' Association of Waterloo County, favoured conducting experiments with larger units of administration, and criticised the teaching of Agriculture in certain schools.

Mr. J. R. Wood of Waterloo Township was in favour of each township bearing the cost of secondary education of its own pupils and a township board for secondary school purposes.

Mr. W. J. Carroll, Principal of Mitchell High School, advocated the extension of training in Household Science and Manual Training.

Mr. H. H. Boys, Secretary of the Grey County Educational Association, advocated conducting experiments with the larger unit of administration.

Mr. M. E. Braendle of Waterloo discussed the operation of Fifth Classes in Waterloo and Kitchener.

Mr. F. E. Abercrombie of Meaford feared the loss of interest of a large number of trustees if a township board were created.

Mr. S. A. Morrison, Public School Inspector for Grey East, expressed satisfaction with the work of Fifth Classes in Grey East.

Mr. W. G. MacPherson of Logan Township favoured a larger unit of administration and the teaching of Fifth Class work in central schools.

Dr. J. M. Field, Public School Inspector for Huron East, was satisfied with Fifth Class work in graded schools, and favoured township boards.

Mr. J. M. Game, Public School Inspector for Bruce East, expressed the opinion that Fifth Class work was being done satisfactorily in the graded schools of his inspectorate.

Mr. A. E. Nelson, Public School Inspector for North Perth, and Mr. E. C. Beacom, Public School Inspector for Huron West, favoured the introduction of a larger unit of administration.

FOURTEENTH SESSION—HELD AT LONDON, JULY 30TH AND 31ST, 1935

A delegation from S.S. No. 13 Caradoc submitted reasons for the dissolution of the Mount Brydges Continuation School District, claiming the cost of education was not fairly distributed. They contended that every part of a county should form part of a secondary school area and that each township should bear the cost of educating its own pupils.

Mr. G. A. Wheable, Chief Inspector and Administrator of the London Schools, gave a survey of conditions in the schools of that city, and favoured the organization of intermediate schools.

Mr. J. H. Sexton, Public School Inspector for Middlesex West, favoured limiting Fifth Class work to central schools, and gave statistical information relating to his inspectorate.

Mr. Angus Gillanders, Mr. J. W. Edwards, and Mr. O. K. Watson, of the Board of the Ridgetown High and Agricultural School, gave information concerning the operation of the school, and urged that larger grants should be given for this type of education.

Mr. C. J. Driscoll, Chairman of the Sarnia Separate School Board, presented information regarding the separate schools in that city.

Mr. H. G. Taylor, Reeve of South Dorchester and Chairman of the Educational Committee of Elgin County Council, thought that the cost of education was too high, and that farm land adjoining cities was assessed too highly.

Mr. John D. Thomson, Warden of Elgin County, favoured charging fees for pupils after the second year in a secondary school. He favoured the union of several sections rather than a township board. He presented specific recommendations from the Elgin County Council.

Mr. William Locke, Deputy Reeve of Yarmouth Township, thought that school taxes were too high, and that high school areas should be exempt from the cost of county pupils.

Mr. Coombe, Secretary-Treasurer of the Vienna School Board, presented problems relating to the Vienna school.

A delegation from the Board of Education of St. Thomas, consisting of Dr. Jerrold Snell, Mrs. Joseph McCully, and Mrs. A. J. Fulton, presented their own personal views relating to the cost of secondary education for county pupils, minimum wages for teachers, Kindergarten-Primary work, and compulsory Household Science.

Mr. E. A. Miller, Principal of the Central Collegiate Institute, London, explained in detail the "staggered" organization of classes in the London Collegiate Institute, and indicated the advantages of the plan, particularly in relation to the cost of education.

Mr. William Dickie, Secretary-Treasurer of the Burford High School Board, pointed out the injustice of requiring the supporters of their school, which has no county pupils, to contribute to the cost of education of county pupils as well as to maintain their own school. He referred also to the conditions which made possible the accumulation of large surpluses by continuation schools operated by a single school section. He saw advantages in establishing county boards of education for secondary schools.

Mr. A. W. Harley, Chairman of the Board of Education of Brantford, suggested the formation of a board of arbitration to settle disputes between boards and municipal councils relating to the expenditures of the boards. He favoured also a reduction in the age of compulsory attendance.

Mr. E. J. Chevins, Chairman of the Brantford Advisory Vocational Committee, urged a closer relationship between industry and the technical training of the schools.

Mr. W. J. Morrison, Inspector of Public Schools for the City of Brantford, presented a survey of conditions in the public schools of that city.

Mr. J. C. Smith, Public School Inspector for St. Thomas and part of Elgin, surveyed conditions in his inspectorate, referring to the work of Fifth Classes, the opposition to the closing of small schools, and to the absence of a local levy in several school sections. He suggested that the work of Fifth Classes would be improved if it could be conducted in central schools, but found the co-operation of boards difficult.

Mr. J. W. Beattie, Secretary-Treasurer of School Section No. 16 Bayham and No. 24 Malahide, proposed paying the Provincial grant on attendance only as a means for closing schools with a small attendance. He advocated the payment of a higher township grant for poor schools, and the employment of itinerant teachers for the special studies, such as, Manual Training, Household Science, and Agriculture.

Rev. J. A. Cook, Secretary of the Roman Catholic Separate School Board of London, presented certain facts relating to the position of the separate schools in London, St. Thomas, Woodstock, and Ingersoll. Difficulty was found in providing adequate accommodation; the raising of the tax rate threatened to reduce the assessment for separate school purposes; they were compelled to educate certain children for which they received no taxes; the grant on salaries was unfair because the board was unable to pay adequate salaries.

This situation was dealt with from other angles by Mr. V. C. Quarry, Inspector of Separate Schools for R.C.S.S. Division IX.

Representatives of the Lambton Trustees' and Ratepayers' Association were introduced by Mr. M. McVicar, who advocated better facilities for secondary education for those areas not accessible to secondary schools, and also the undertaking of Fifth Class work in schools centrally located. Mr. Silas Miller claimed that people in rural areas contributed to the cost of secondary school buildings in urban centres and had no equity in them, and that people in the outlying districts were paying more than their share of the cost of secondary education. He opposed township boards for elementary schools, and considered the present method of assessing village property and farm lands unfair.

Mr. J. A Morrison of the Township of East Williams, claimed that rural areas contributed more than their proper share to the cost of secondary education.

Mr. Angus McGeachy favoured Fifth Classes in graded schools and the charging of fees to reduce the cost to the general ratepayer. Continuation school districts did not pay much for secondary education.

Mr. Charles Steer of Mount Brydges outlined the position of the continuation school in that village.

Mr. J. Ferris David, representing the Board of Education of Ingersoll, presented a series of resolutions advocating improved equipment of schools, standardization of teachers' salaries, one board for elementary and secondary schools, and appointed township boards.

Mr. J. W. Hagan, Inspector of Public Schools for South Oxford, referred to conditions in his inspectorate. Salaries had declined, but not because of the fixing of a legal minimum. Agriculture was being taught in a satisfactory manner. Fifth Classes were not urgent because of the relatively large number of secondary schools.

Mr. G. M. Mather, Inspector of Public Schools for North Oxford, gave a survey of conditions in his inspectorate. There were more increases in salaries than decreases.

Mr. D. G. Smith, Public School Inspector for Middlesex East, referred particularly to the work of Fifth Classes, and stated that the work was not always done satisfactorily in ungraded schools.

Mr. H. B. Galpin, Public School Inspector for Lambton, referred to the general increase in teachers' salaries. Fifth Classes should be conducted in schools centrally located.

FIFTEENTH SESSION—HELD AT WINDSOR, AUGUST 1ST AND 2ND, 1935

Mr. J. E. Benson, Inspector of Public Schools in Windsor, explained the operation of the rotary system as applied to the public schools of that city. Costs of education were given in detail, the total cost, including debentures, for the public schools being $80.00 per pupil. The public school mill rate is 7.15.

Ninety-eight per cent. of Entrance pupils attend secondary schools; 50 per cent. of these going to collegiate institutes and 50 per cent. to the vocational school. He suggested dividing the elementary school into two groups, a junior and senior, I to V and VI to IX, and that specialization should begin at the end of the second year of high school.

A deputation from Kingsville presented a survey of conditions in that area. The advantages of the two-roomed rural public school were stressed. Mr. E. A. Brown, Secretary of the High School Board, thought that larger Provincial grants should be made for both elementary and secondary schools. The Adolescent School Attendance Act added to the cost of secondary schools. He thought the curriculum should be broadened to meet the needs of non-academic pupils.

Mr. A. W. Massey, Principal of the Kingsville High School, favoured the establishment of more schools of the type of the Ridgetown School. Mr. A. D. Hember, Science Master, was opposed to the idea of "vocationalizing" Agriculture, and felt that the teaching of the subject would be improved if it were centralized in certain schools.

Mr. W. L. Bowden, Public School Inspector for Essex, surveyed conditions in his inspectorate. Little Fifth Class work is done because of the ready access to secondary schools. Assessments of sections varied from $70,000 to $700,000, the average being about $200,000. He saw advantages in extending the public school course for two years more.

Mr. A. B. Lucas, Public School Inspector for Kent, urged that greater assistance be given Fifth Classes. He referred to one township in which there is no secondary school, but which is obliged to pay county rates for secondary education.

Mr. H. A. Tanser, Public School Inspector and Business Administrator for Chatham, presented a survey of conditions in that city, and strongly favoured the organization of intermediate schools. Per pupil costs in Chatham were: public schools $46.00; high school $60.00; and vocational school $150.00. Sixty per cent. of the Entrance pupils proceeded to the collegiate institute, and 30 per cent. to the vocational school. He favoured reducing the age of compulsory attendance by one year and raising the age of admission to six years.

A committee of the Secondary School Teachers of Windsor, through Miss Aileen Noonan, presented a statement indicating the manner in which a reduction in the cost of education in Windsor had been effected. Reductions in staff combined with an increase in attendance had placed a much heavier burden on the teachers. Mr. J. L. McNaughton, Principal of the Walkerville Collegiate Institute, and Mr. G. S. Campbell, Principal of the Kennedy Collegiate Institute, explained certain features of secondary school education found in their schools. Mr. McNaughton was critical of the work being done in Fifth Classes in the subjects of English and foreign languages.

James H. Hart, a representative of the Essex Trades and Labour Council, opposed reductions in teachers' salaries, and advocated closer association between apprenticeship training and the work of the vocational schools.

Mr. J. F. Twigg and Mr. W. F. Daynes advocated a levelling up of teachers' salaries.

Mr. John Dower, formerly secretary of the East Windsor School Board, referred to the loss of revenue for school purposes from properties possessed by the municipality through sale for taxes. Reductions in teachers' salaries had reduced Provincial grants. He advocated basing grants on attendance, equipment, and teachers' qualifications.

Mr. Charles Quenneville, Secretary of the Separate School Board of Windsor, presented a series of representations suggesting means by which greater support might be obtained for the separate schools of Windsor.

Mr. Thomas Preston, Public School Inspector for Essex County, surveyed the special conditions existing in the Windsor area. He saw advantages in a township board, although he favoured retaining the local boards also. The Fifth Class work done in ungraded schools was not satisfactory.

Mr. A. F. Feurth, a member of the Board of Education of Windsor, referred to certain inequalities in the present system of assessment, and favoured the collection of an income tax by some central authority.

Mr. D. A. Jeffrey, a member of the High School Board of Leamington, discussed the condition of education in his district. He favoured a more general course of study for the first two years of the secondary school.

Mr. Robert Gauthier, Separate School Inspector for Division VII (Windsor area), discussed the financial problems of the separate schools in the Windsor district. There was serious overcrowding of schools due to the influx of families on relief and for which there was no corresponding increase in taxation. He presented information regarding the qualification of teachers and recommended that courses in French should be established in one of the Windsor secondary schools which would qualify prospective teachers for admission to the University of Ottawa Normal School. He favoured a larger unit of administration.

Dr. G. R. Cruikshank offered several criticisms of the policies of the Windsor Board of Education.

Mr. G. B. Wigle, a representative of the Trustees' and Ratepayers' Association of Essex County, criticised the present method of financing education, on the ground that it placed too heavy a burden on real property. He favoured the collection of a Provincial corporation tax on the ground that the Province as a whole contributed to the earnings of corporations. He suggested that the Department should bear the cost of administration of education.

Mr. Wigle's suggestions were supported by Mr. G. A. Hall, Reeve of Colchester Township and a Past President of the Trustees' and Ratepayers' Association of Essex County. He was critical of the teaching of Agriculture in many of the public schools of the county.

Mr. R. W. Penfold, a trustee of Mersea Township, favoured more extensive instruction in health, and an improvement in the teaching of Agriculture. He saw advantages in the creation of larger units of administration.

Mr. A. H. Plant, Chairman of the Essex Board of Education, favoured the payment of the cost of secondary education by the Province. The secondary school courses should meet the requirements of students who do not go to the university.

Mr. Ernest Bezaire, representing R.C.S.S. 2 and 5 Anderdon, urged greater financial support for Fifth Classes, and, in particular, an increase in the county grant.

Sixteenth Session—Held at Toronto, August 12th, 14th and 15th, 1935

Mr. E. G. Evans, Chairman of the Education Committee of the County Council of Simcoe County, opposed the present system of grants for continuation schools on the ground that many of these schools were able to meet their obligations without a local levy and, at the same time, accumulate surpluses year by year. Every part of a county should be in a high school district. Pupils residing in continuation school districts should not be considered as county pupils. The payment by the county of 80 per cent. of the debenture cost of secondary schools he thought was not justified. Pupils living at a distance from a high school should not be required to pay as much as those living in the town where the school was located. Fifth Classes should be conducted in schools located centrally. Real property was overburdened. He favoured the collection of a Provincial income tax and appropriating part of this for the purposes of education.

Mr. J. W. Noseworthy, Chairman of the Educational Finance Committee of the Ontario Secondary Teachers' Federation, then presented a memorandum prepared in accordance with a suggestion made by the Committee, through its Chairman, and containing information relating to the form of educational administration and the methods of providing for the financial support of education in English-speaking countries outside of Canada. This memorandum,* in addition to providing the information suggested, contained recommendations which may be summarised briefly as follows:

1. The introduction of a schedule of salaries applicable to all secondary schools in the Province.
2. Revision of the system of grants in such a manner as to take into account the ability of the local community to pay, and equal to one-half of the total cost of secondary education.
3. Equalization of assessment throughout the Province.
4. The introduction of the county as the unit of administration for secondary schools.

Miss L. E. Darroch and Miss Elizabeth Lang presented the views of the Canadian Youth Council, which included the adoption of a township as the unit of administration for elementary schools and the county for secondary schools, the application of part of the income tax for education, and the increase of the Provincial grant to the equivalent of 50 per cent. of the total cost of secondary education.

Mr. Samuel Farmer, of the Port Perry High School Board, referred to the differences which have arisen between Port Perry and the County of Ontario. The method of computing grants should be simplified.

Mr. William Parrott, Chairman of the Educational Committee of the County Council of Ontario County, advocated free education to the end of the Middle School; after that fees should be charged. The local municipality should pay the cost of education up to the end of the Middle School.

Mr. J. Ferris David presented further representations on behalf of the Trustees' and Ratepayers' Association. These recommendations included the establishment of Fifth Classes in rural schools; a selection of pupils who should attend secondary schools at the expense of the Province; the introduction of Household Science and Manual Training in advanced secondary schools; that there should be a Director of Education and a Business Administrator for each inspectorate; and that the Province should finance all secondary education.

Mr. M. A. Campbell, Secretary of the Trustees' and Ratepayers' Association, favoured the establishment of Fifth Classes in every rural school and especially in two-roomed schools.

Mr. W. J. Tamblyn, Principal of the Forest Hill Village School, Captain E. A. Baker, and Mr. R. A. Laidlaw, representing the Forest Hill School, presented a statement describing the activities of the school. The operating cost per pupil was $146.78 in 1932, and 104.17 in 1934-35. The advantages claimed for the system of organization in effect in the school included enrichment of the course for clever students, greater assistance for retarded pupils, vocational

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*This memorandum has been published by the Secondary School Teachers' Federation of Ontario under the title *The Administration and Finance of Education in English-speaking Countries.*

guidance, and the more complete utilization of all the facilities provided by the school. They recommended:

1. That Provincial, county, and local appropriations be made for pupils doing the work of Grades IX and X in public schools.
2. That secondary school boards be permitted to eliminate the courses of the Lower School where elementary schools in the area provided these courses.

Mr. Fred Rutherford, Secretary-Treasurer of the Owen Sound Board of Education, thought that the first two years of secondary school mork might with advantage be offered in the elementary school. He favoured Fifth Classes.

Mr. Donald Brown, Chairman of the Board of Trustees of S.S. 16 Nottawasaga, presented a resolution of the trustees and ratepayers of the township, expressing opposition to township school boards, county school boards, and consolidated schools.

Representatives of the Educational Committee of the County Council of the County of York submitted representations dealing with the position of education in the county. They urged the division of the county into two areas for the purposes of the administration of educational affairs—the urban area which should be united with the City of Toronto, and the rural area which should form a separate administrative unit. They urged that the suburban area, forming an economic unit with the city, should be included in the same unit of administration as the city. They recommended further that:

1. Provincial grants for education should be increased.
2. There should be more vocational guidance.
3. The age of compulsory attendance should be reduced.
4. Intermediate schools should be established.
5. The cost of medical and dental inspection should be assumed by the Province.

Mr. W. D. Gregory, Mr. James, and Mr. Giles, representing S.S. No. 22 Trafalgar Township, County of Halton, described the work being done by the trustees of this school section, and the facilities provided by their school. They were opposed to a township board.

Mr. Dunn and Mr. Bird, representing the Toronto District Trades and Labour Council, submitted that no training of teachers in certain trades was possible because the necessary work in these trades was not available, and asked that recognition be given in the College of Art for certain work done in the technical schools. They did not consider the system by which an apprentice would spend part time in the trade and part time in school to be satisfactory. They recommended:

1. No reduction in the age of compulsory attendance.
2. Extension of the courses in Manual Training.
3. Admission of graduates in industrial courses to the School of Practical Science.
4. Departmental graduation diplomas for graduates of vocational schools.
5. A trade test for applicants for Trade Teachers' courses.

Mr. Arthur Kelly and Mr. E. F. Henderson appeared before the Committee on behalf of the Separate School Board of Toronto. Mr. Kelly referred to the duplication in the work of the Fifth Classes and of the Lower School grades of the secondary schools. He suggested that a saving could be effected if the work of these two grades was definitely assigned to the elementary school. He criticised the system of elementary school grants on the ground that it did not pay sufficient attention to the extent of the services rendered. The grants on teachers' salaries and equipment favoured the wealthier sections. He contended that the law with respect to the issue of debentures operated to the disadvantage of the separate schools in that it did not impose a charge on the land.

Mr. Henderson indicated the savings that would be effected if those pupils, in particular, who did not intend to proceed beyond the Fifth Class were permitted to finish their education in the elementary school. He stated that in many cases a tenant who was a separate school supporter was required by the landlord to assume the excess of the separate school tax over the public school tax. In Toronto, the separate school tax rate was 11.5 mills and the public school rate 7 mills.

Rev. E. M. Brennan and Mr. P. J. Faulkner, representing the Separate School Board of Mimico, referred to the difficulties of maintaining their school with an assessment of only $1,000 per pupil. They urged that grants should be based to a greater extent on attendance.

Mr. W. W. Parry, Solicitor for the York Township School Board, indicated the following advantages associated with the formation of a township school area in York Township—equalization of costs throughout the township, more satisfactory adjustment of classes, equalization of salaries, extension of health services, economies in the purchase of supplies.

Dr. H. A. Semple, Secretary-Treasurer of the Associated High School Boards of Ontario, urged that Provincial grants should be increased substantially, and expressed the opinion that grants to continuation schools were too generous. He advocated the formation of a Provincial educational council as a clearing house for ideas relating to education. No further powers in educational affairs should be given municipal councils. Better facilities should be provided for adult education.

Mr. A. L. Campbell, Public School Inspector, who has charge of one half of the York Township school area, gave his opinion regarding the advantages of the township school area in the case of York Township. It contributed to lower costs of administration, greater flexibility in providing accommodation, and improvement in teaching, especially in the subjects of Household Science, Manual Training, Art, and Music. In his opinion, the system would operate with equal success in a strictly rural area. The tax rate was not made uniform over all sections at once, but was about to become the same. He advocated the teaching of Agriculture in central schools, preferably with an O.A.C. graduate in charge.

Mr. W. A. Fydell, Public School Inspector for the remainder of York Township, agreed with Mr. Campbell regarding the advantages of the township board, and advocated the use of itinerant teachers for Agriculture, Household Science, and Manual Training.

Mr. J. M. Denyes, Public School Inspector for Halton County, was of the opinion that township boards were required to solve the educational problems of rural communities. He preferred that Fifth Class work be done in central schools, and advocated the restoration of the full amount of the township grants.

Mr. M. R. Fydell, Public School Inspector for Peel County, thought the present unit of administration was too small to permit the obtaining of the best results. He favoured the centralization of Fifth Classes. Unless salaries were increased many school sections would derive no advantage from the restoration of the full township grant. More use should be made of the Agricultural Respresentatives in the teaching of Agriculture.

Mr. Robert Gillies, Public School Inspector for York County, indicated the nature of the problems presented by his inspectorate, where there were large arrears of taxes. He favoured the formation of larger units of administration and the restoration of the township grant.

Mr. T. R. Ferguson, Public School Inspector for Ontario North, favoured the centralization of the Fifth Classes and the restoration of the township grant. Opposition to the township board was due largely to the fear of consolidation of schools.

Mr. W. Frank Smith, Public School Inspector for Simcoe West, stated that the idea of consolidated schools was associated with township boards. He favoured a larger unit of administration, though not necessarily a township board. The work done in many Fifth Classes was not satisfactory.

Mr. W. H. Carlton, Public School Inspector for Simcoe South, favoured the restoration of the township grant. The provision of transportation would be a real problem if schools were centralized.

Mr. W. J. Lee, Senior Separate School Inspector for Toronto, thought township boards would be an advantage to separate schools. He favoured an enrichment of the course of study, particularly for pupils who do not proceed beyond the elementary school. Salaries in the Toronto separate schools range from $630 for religious teachers to $1,140 for lay teachers.

Mr. W. R. Liddy, Public School Inspector for Dufferin County, submitted a brief favouring an inspectoral unit of administration. He suggested a board of trustees of nine members, as follows: The County Judge, the County Clerk, the Public School Inspector, three members (including the Warden of the County) to be appointed by the County Council, and three trustees to be elected from the inspectorate. Their services would be free, but they would be paid travelling expenses. This board would appoint teachers, purchase supplies, and build new schools, while the local boards would have special duties assigned to them.

SEVENTEENTH SESSION—HELD AT PETERBOROUGH, AUGUST 13TH, 1935

Mr. H. B. Wood, Secretary-Treasurer of S.S. No. 10 Seymour, surveyed conditions in his own section and township. He favoured the grouping of school sections to provide better instruction in Manual Training, Household Science, and Agriculture. The school assessments in the township varied from $50,000 to $131,000 per section, and the trustee levy from 2 mills to 4 mills.

Dr. W. G. Robertson of Colborne was opposed to the closing of schools with a small attendance because of the depreciation of the value of farm land which followed. He feared transportation would be too expensive. School trustees had performed their duties satisfactorily.

Mr. Edwin Quinn, a member of the Colborne School Board, gave information regarding the school district, and expressed satisfaction with the existing system of grants.

Mrs. McKee Bingham of Gore's Landing favoured centralized schools. The work being done in Fifth Classes was not satisfactory because usually the teacher had too much to do.

Mr. Philip Carr, representing the County Council of Hastings County, stated that the cost of education of county pupils in Hastings varied from $38 to $122 per pupil. There was little objection taken to the cost because councillors did not understand the methods of financing. He was critical of the teaching of Agriculture in the schools, of the 80 per cent. clause with respect to debentures, and of consolidated schools because of their cost. He presented a brief which contained the following recommendations:

1. Larger units of administration should not be undertaken in rural schools because they would involve additional cost.
2. Elementary education should include the first two years of the secondary school course.
3. Domestic Science and Agriculture should not be taught either in the elementary or the secondary school.
4. Secondary schools should include three grades, each a unit in itself.
5. The building of elaborate schools should be discouraged and nothing should be done to curtail the supply of teachers.

Mrs. Meggs, of the Township of Hamilton, discussed the benefits which would be obtained from the adoption of a larger unit of administration.

Mr. H. J. Clarke, Public School Inspector for Belleville and South Hastings, advocated the establishment of pre-vocational classes. He favoured the selection of schools for Fifth Class work. The reduction in the township grant had placed a heavy burden on the poor school section. A township unit of administration should help to equalize the cost of education, and should lead to the establishment of better Fifth Classes.

Mr. A. Mowat, Public School Inspector for the City of Peterborough, gave information regarding attendance, accommodation, salaries, and qualifications of teachers in his inspectorate.

Mr. V. J. McElderry, representing the Separate School Board of Peterborough, presented a comparison of assessment, attendance, and cost per pupil in the public and separate schools of Peterborough. The mill rate was the same for both schools. Separate schools were doing Fifth Class work, and only about one per cent. of their graduates attended the collegiate institute.

Mr. J. V. Scanlan, Separate School Inspector, discussed more fully the work of the Fifth Classes in the separate schools.

Mr. E. J. Leeson, Chairman of the Educational Committee of the County Council of the County of Peterborough, was of the opinion that educational costs were too high and were unfairly distributed, and that the 80 per cent. clause placed too great a burden on rural municipalities.

Mr. James Milby, Deputy Reeve of North Monaghan Township, considered the cost of secondary education paid by the counties to be too high and that the 50-50 plan was unfair to his township. He favoured doing two years of high school work in the elementary schools. The general levy for the township grant in his township was 3 mills, while three school sections had no section levy. There were great inequalities in the rates for school taxes.

Mr. W. A. Anderson, Reeve of Otonabee Township, thought that the county should pay the entire cost of county pupils attending the Peterborough Collegiate Institute. There were no continuation schools in his township. The Provincial grant for secondary education should be increased. He favoured adding two years to the elementary school course and offering this work along with the Junior and Senior Fourth grade work in selected central schools.

Mr. Roy Brown, Reeve of Burleigh Township, considered The Adolescent School Attendance Act as a factor in increasing the cost of secondary education.

Mr. K. M. Bird, of S.S. No. 5 Thurlow, described conditions in his own school section. The reduction in the township grant had increased the tax rate in the section by 2 mills. He favoured a larger unit of administration if it would bring about a reduction in the cost of education.

Mr. Robert Dawson of Cramahe Township, President of the Trustees' and Ratepayers' Association of his district, stated that 90 per cent. of the members of the Association were opposed to larger units of administration, and consolidation of schools. He favoured a Provincial equalization of assessment as a basis for grants.

Mr. J. C. Anderson, Chairman of the Board of Education of the City of Oshawa, regarded the present method of taxing real property as unfair. A greater part of the cost should be borne by the Province; a Provincial equalization of assessment was desirable. Grants should take the form of a contribution to the payment of teachers' salaries. "Repeaters" over sixteen years of age should be charged fees. He favoured the appointment of a Council of Education to assist in determining policy and legislation. The Department should undertake to provide vocational guidance for young people.

Dr. A. Moir, Chairman of the Board of Education of the City of Peterborough, spoke of the harmonious relations existing between the Board of Education and the City Council. He did not see how the cost of technical education could be reduced.

Mr. F. E. Johnston, Director of the Vocational Department of the Peterborough Collegiate Institute, thought that the age of compulsory attendance should be reduced from sixteen to fourteen years and that fees should be charged repeaters. He favoured the imposition of a reasonable tax on income.

Mr. W. R. Morris, a member of the Board of Education of Peterborough, spoke of the advantages of technical training in the schools, and urged that the Department increase its grants for such training.

The Eighteenth, Nineteenth, and Twentieth Sessions of the Committee were devoted to a consideration of the evidence submitted to the Committee. At the Twentieth Session, Mr. Cummings, Mr. Muir, and Mr. A. J. B. Gray of the Department of Municipal Affairs gave the Committee the results of their experience in dealing with the financing of education in Supervised Districts.

Mr. Cummings made the following recommendations:

1. That a Provincial Equalization Commission be appointed to effect a Provincial equalization of municipal assessments.
2. That large industrial centres be required to annex adjoining suburban areas for municipal as well as educational purposes.
3. That in the relations between municipal authorities and educational authorities neither one should be subject to the other.
4. That the elementary school panel should include Grades IX and X, and that primary education should be largely a local responsibility while secondary education should be largely a Provincial responsibility.
5. That fees should be charged pupils of the Middle and Upper School.

Twenty-First Session—Held at Toronto, November 13th, 14th, and 15th, 1935

Representatives of the Board of Education of the City of Toronto attended the meeting of the Committee and stated that the Board had passed a resolution opposing the proposal of the County of York for the formation of a "Metropolitan Area Board of Education" for the City of Toronto and the surrounding suburban areas. After discussion the delegation stated that the matter might be brought before the Board of Education with a view to the presentation of a brief at a later date.

A delegation from the Separate School Board of Toronto was asked to present its views with respect to a metropolitan school area. Mr. Arthur Kelly, Solicitor to the Board, stated that, in consequence of agreements made between the Board and the Separate School Districts in the area adjoining Toronto, there was virtually a metropolitan unit in existence and that this system of administration seemed to give satisfaction.

The Twenty-second and Twenty-third meetings of the Committee held on November 28th, 29th and 30th, 1935, and on January 6th, 7th, 8th and 9th, 1936, were devoted to the further consideration of the evidence submitted to the Committee.

TWENTY-FOURTH SESSION—HELD AT TORONTO, MARCH 24TH, 1938

Consideration was given to the draft of the Report of the Committee, which was approved after the incorporation of suggestions made by members of the Committee.

APPENDIX C.

A SUMMARY OF PROVINCIAL AND MUNICIPAL EXPENDITURES FOR EDUCATION

TABLE I—PROVINCIAL GOVERNMENT EXPENDITURE[1]

Year	Public and Separate Schools	Total %	High Schools	Total %	Vocational Education	Total %	Universities	Total %	Teachers Training	Total %	Departmental Examinations	Total %	Other Miscellaneous	Total %	Provincial Total
1875......	$274,311	54.502	$86,999	17.285	....	......	....	......	$30,065	5.973	....	......	$111,936	22.240	503,311
1880......	282,932	56.015	90,261	17.870	....	......	....	......	56,025	11.092	9,375	1.856	66,511	13.167	505,104
1885......	296,201	55.514	86,420	16.197	....	......	....	......	46,075	8.635	11,091	2.079	93,777	17.575	533,564
1890......	316,823	50.599	105,000	16.769	....	......	....	......	55,458	8.857	15,277	2.440	133,584	21.335	626,142
1895......	334,927	48.327	105,000	15.151	....	......	....	......	64,868	9.360	26,681	3.850	161,566	23.312	693,042
1900......	327,342	43.158	106,397	14.028	....	......	....	......	71,275	9.398	30,703	4.048	222,749	29.368	758,466
1905......	402,997	35.607	118,560	10.475	$21,563	1.905	$245,842	21.721	99,210	8.767	31,749	2.805	211,878	18.720	1,131,799
1910-11...	1,002,491	54.021	167,414	9.021	79,121	4.264	43,072	2.321	262,156	14.127	66,689	3.594	234,796	12.652	1,855,739
1915-16...	926,738	40.821	154,945	6.825	113,259	4,989	245,751	10.825	372,400	16.403	103,998	4.580	353,175	15.557	2,270,266
1920-21...	3,397,143	43.511	204,409	2.618	707,223	9.058	1,413,086	18.099	450,003	5.764	196,827	2.521	1,438,859	18.429	7,807,550
1921-22...	3,779,621	35.492	283,308	2.660	945,553	8.879	3,506,155	32.923	739,072	6.940	343,286	3.224	1,052,333	9.882	10,649,328
1922-23...	4,000,397	39.847	319,408	3.182	839,355	8.361	2,795,750	27.848	810,000	8.068	263,256	2.622	1,011,161	10.072	10,039,327
1923-24...	4,128,821	42.808	364,678	3.782	840,645	8.716	2,185,728	22.662	758,132	7.860	256,215	2.656	1,110,703	11.516	9,644,922
1924-25...	4,010,637	42.523	377,374	4.002	836,072	8.864	2,405,947	25.509	917,639	9.729	285,240	3.024	598,811	6.349	9,431,720
1925-26...	3,862,232	41.380	378,627	4.057	815,694	8.739	2,258,570	24.198	954,407	10.225	287,883	3.085	776,197	8.316	9,333,610
1926-27...	4,038,330	41.997	471,351	4.902	847,198	8.811	2,238,560	23.280	922,866	9.597	319,866	3.327	777,556	8.086	9,615,727
1927-28...	4,348,707	42.628	474,542	4.651	954,536	9.357	2,471,560	24.227	907,955	8.900	325,587	3.192	718,727	7.045	10,201,614
1928-29...	4,389,755	42.082	437,834	4.197	968,196	9.281	2,344,747	22.478	860,959	8.254	350,295	3.358	1,079,614	10.350	10,431,400
1929-30...	4,896,317	41.587	475,792	4.041	1,534,936	13.037	2,622,395	22.273	868,492	7.377	371,948	3.159	1,003,808	8.526	11,773,688
1930-31...	5,379,932	41.828	499,398	3.883	1,584,508	12.319	3,611,788	28.081	837,780	6.514	275,953	2.144	672,813	5.231	12,862,172
1931-32...	5,014,508	37.549	468,902	3.511	1,509,786	11.305	3,951,216	29.587	1,008,266	7.550	145,729	1.092	1,256,170	9.406	13,354,577
1932-33...	4,341,761	42.674	421,278	4.141	1,465,922	14.408	2,493,985	24.513	718,747	7.063	100,096	.984	632,539	6.217	10,174,328
1933-34...	4,341,091	38.099	459,400	4.032	1,855,232	16.282	2,268,433	19.909	861,336	7.559	168,292	1.477	1,440,515	12.642	11,394,299
1934-35...	[2]367,705	......	21,163	......	725,206	......	1,610,081	......	488,774	......	33,420	......	183,413	......	3,429,762
1935-36...	3,905,742	39.447	438,418	4.428	1,258,627	12.712	2,083,767	21.046	760,445	7.680	272,097	2.748	1,182,124	11.939	9,901,220
1936-37...	4,054,430	40.272	499,428	4.961	1,203,948	11.959	2,127,000	21.127	746,546	7.415	281,145	2.793	1,155,091	11.473	10,067,588

[1] The expenditures for Public and Separate Schools, High Schools, and Vocational Education include, in addition to the Legislative Grants, the cost of inspection and of Provincial administration.

[2] Five months period 1935, not comparable.

TABLE II

MUNICIPAL EXPENDITURES[1]

Year	Public and Separate Schools	Total %	High Schools Collegiate Institutes	Total %	Vocational Schools	Total %	Municipal Total
1875	$2,808,883	91.977	$245,014	8.023	...	...	$3,053,897
1880	2,667,583	89.180	323,668	10.820	...	...	2,991,251
1885	3,221,029	90.367	343,341	9.633	...	...	3,564,370
1890	3,978,853	88.398	522,208	11.602	...	...	4,501,061
1895	3,861,265	86.250	615,584	13.750	...	...	4,476,849
1900	4,259,741	87.434	612,204	12.566	...	...	4,871,945
1905	5,758,239	86.666	885,938	13.334	...	...	6,644,177
1910-11	8,340,611	85.027	1,468,752	14.973	...	...	9,809,363
1915-16	13,340,738	85.207	2,316,029	14.793	...	...	15,656,767
1920-21	22,292,454	84.078	3,384,524	12.765	$836,884	3.157	26,513,862
1921-22	26,584,646	83.062	4,506,902	14.081	914,328	2.857	32,005,876
1922-23	28,801,918	79.437	6,423,467	17.716	1,032,259	2.847	36,257,644
1923-24	32,699,017	76.578	6,884,911	16.124	3,116,492	7.298	42,700,420
1924-25	30,095,712	75.604	7,441,727	18.694	2,269,848	5.702	39,807,287
1925-26	31,538,440	75.815	7,510,879	18.055	2,549,741	6.129	41,599,060
1926-27	31,839,367	77.396	6,646,812	16.157	2,652,182	6.447	41,138,361
1927-28	31,572,467	73.884	8,325,763	19.483	2,834,199	6.633	42,732,429
1928-29	32,440,378	73.231	9,030,769	20.386	2,827,309	6.383	44,298,456
1929-30	33,315,689	76.602	7,019,877	16.141	3,156,149	7.257	43,491,715
1930-31	30,319,314	72.631	7,636,190	18.293	3,788,950	9.076	41,744,454
1931-32	30,145,832	70.686	8,021,178	18.808	4,480,628	10.506	42,647,638
1932-33	28,922,303	70.008	7,880,423	19.075	4,509,911	10.917	41,312,637
1933-34	26,288,216	69.492	7,435,700	19.656	4,105,147	10.852	37,829,063
1934-35	26,846,932	69.762	7,330,372	19.048	4,306,075	11.189	38,483,379
1935-36	26,349,221	69.506	7,362,531	19.422	4,197,446	11.072	37,909,198
1936-37	26,450,891	68.776	7,755,126	20.164	4,253,509	11.060	38,459,526

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[1] The amounts given in this table are exclusive of Legislative Grants.

TABLE III

COST OF EDUCATION—PER CAPITA

Year	Population	Total Municipal Expenditures	Amount Per Capita	Total Provincial Expenditures	Amount Per Capita	Total Municipal and Provincial	Amount Per Capita
1875........	$1,746,000	$3,053,897	1.749	$503,311	.288	$3,557,208	2.037
1880........	1,894,000	2,991,251	1.579	505,104	.267	3,496,355	1.846
1885........	2,005,000	3,564,370	1.778	533,564	.266	4,097,934	2.044
1890........	2,093,000	4,501,061	2.151	626,142	.299	5,127,203	2.450
1895........	2,133,000	4,476,849	2.099	693,042	.325	5,169,891	2.424
1900........	2,172,000	4,871,945	2.243	758,466	.349	5,630,411	2.592
1905........	2,289,000	6,644,177	2.903	1,131,799	.494	7,775,976	3.397
1910-11.....	2,482,000	9,809,363	3.952	1,855,739	.748	11,665,102	4.700
1915-16.....	2,724,000	15,656,767	5.748	2,270,266	.833	17,927,033	6.581
1920-21.....	2,863,000	26,513,862	9.261	7,807,550	2.727	34,321,412	11.988
1921-22.....	2,934,000	32,005,876	10.909	10,649,328	3.629	42,655,204	14.538
1922-23.....	2,980,000	36,257,644	12.167	10,039,327	3.369	46,296,971	15.536
1923-24.....	3,013,000	42,700,420	14.172	9,644,922	3.201	52,345,342	17.373
1924-25.....	3,059,000	39,807,287	13.013	9,431,720	3.083	49,239,007	16.096
1925-26.....	3,111,000	41,599,060	13.372	9,333,610	3.000	50,932,670	16.372
1926-27.....	3,164,000	41,138,361	13.002	9,615,727	3.039	50,754,088	16.041
1927-28.....	3,219,000	42,732,429	13.275	10,201,614	3.169	52,934,043	16.444
1928-29.....	3,278,000	44,298,456	13.514	10,431,400	3.182	54,729,856	16.696
1929-30.....	3,334,000	43,491,715	13.045	11,773,688	3.531	55,265,403	16.576
1930-31.....	3,386,000	41,744,454	12.329	12,862,172	3.799	54,606,626	16.127
1931-32.....	3,432,000	42,647,638	12.426	13,354,577	3.891	56,002,215	16.317
1932-33.....	3,475,000	41,312,637	11.888	10,174,328	2.928	51,486,965	14.816
1933-34.....	3,564,000	37,829,063	10.614	11,394,299	3.197	49,223,362	13.811
1934-35.....	3,629,000	38,483,379	10.604	3,429,762	.945	41,913,141	11.549
1935-36.....	3,673,000	37,909,198	10.321	9,901,220	2.696	47,810,418	13.017
1936-37.....	3,690,000	38,459,526	10.423	10,067,588	2.728	48,527,114	13.151

TABLE IV

COST OF EDUCATION—YEARLY PER PUPIL OF AVERAGE ATTENDANCE

Year	Public Schools	Continuation Schools	R.C. Separate Schools	High Schools	Vocational Schools
1875	$15.07	......	$ 7.70	$ 39.80	......
1880	12.82	......	10.08	32.06	......
1885	14.66	......	13.41	52.36	......
1890	17.20	......	15.74	52.60	......
1895	15.76	......	12.31	48.16	......
1900	17.81	......	13.86	55.46	......
1905	23.80	......	19.89	57.18	......
1910-11	33.90	......	30.36	80.25	......
1915-16	45.34	$ 72.72	25.68	99.53	......
1920-21	59.72	91.50	36.42	111.38	......
1921-22	63.14	87.55	37.91	108.91	$210.37
1922-23	63.97	88.16	40.05	107.58	216.50
1923-24	69.55	98.90	50.44	120.15	201.23
1924-25	69.91	94.78	44.55	131.81	222.25
1925-26	68.92	109.63	51.26	141.00	223.31
1926-27	70.07	116.18	61.19	138.21	202.20
1927-28	70.10	118.10	53.41	150.57	183.94
1928-29	70.74	126.85	59.30	144.65	173.54
1929-30	72.91	122.87	59.05	142.78	177.22
1930-31	74.07	117.50	46.25	145.20	180.56
1931-32	71.31	111.99	45.79	141.36	186.52
1932-33	68.85	104.15	42.51	137.32	185.53
1933-34	62.50	96.39	38.20	121.75	183.83
1934-35	61.26	92.17	40.43	118.52	181.22
1935-36	60.55	88.77	41.02	119.62	173.09
1936-37	63.38	95.07	41.91	119.60	169.44

TABLE V

COST OF EDUCATION—PERCENTAGE WHICH LEGISLATIVE GRANT BEARS TO GROSS EXPENDITURE

(A—Gross Expenditure; B—Legislative Grant; C—Percentage, B of A)

Year	Public and Separate Schools			Continuation Schools			High Schools and Collegiate Institutes			Vocational Schools		
	A	B	C	A	B	C	A	B	C	A	B	C
1920....	$25,216,512	$1,612,837	6.40%	$473,085	$113,879	24.07%	$3,588,933	$176,159	4.91%	$1,347,905	$511,021	37.91%
1921....	29,714,793	2,454,018	8.25	649,474	127,770	19.67	4,790,211	223,165	4.66	1,585,086	670,758	42.32
1922....	31,920,884	2,976,712	9.32	881,431	148,217	16.81	6,742,875	276,889	4.11	1,871,615	638,217	34.10
1923....	35,858,355	3,266,584	9.11	969,483	159,720	16.47	7,249,589	328,014	4.52	3,957,137	624,558	15.78
1924....	33,010,064	3,392,552	10.28	1,096,285	180,016	16.42	7,819,101	367,166	4.70	3,105,235	672,078	21.64
1925....	33,298,817	3,401,863	10.22	1,101,854	184,385	16.73	7,889,507	391,925	4.97	3,365,435	743,427	22.09
1926....	34,774,050	3,345,308	9.62	1,103,647	198,175	17.96	7,118,143	417,566	5.87	3,499,380	813,581	23.25
1927....	34,799,170	3,404,647	9.78	1,122,004	199,388	17.77	8,800,306	484,978	5.51	3,788,735	849,564	22.42
1928....	35,495,237	3,507,364	9.88	1,334,896	221,147	16.57	9,468,603	439,184	4.64	3,929,177	933,739	23.76
1929....	36,955,646	3,686,301	9.97	1,256,360	230,977	18.38	10,621,982	443,727	4.18	6,173,009	1,036,441	16.79
1930....	40,307,265	3,753,499	9.31	1,339,277	228,673	17.07	11,636,195	472,654	4.06	8,692,354	1,144,052	13.16
1931....	38,616,727	4,102,448	10.62	1,302,123	230,747	17.72	10,372,341	470,354	4.53	7,143,645	1,470,865	20.59
1932....	35,693,475	3,847,696	10.78	1,208,203	220,773	18.27	9,141,498	464,882	5.08	6,979,396	1,554,734	22.28
1933....	31,351,742	3,356,314	10.71	1,109,808	188,386	16.97	8,401,550	418,209	4.98	5,712.295	1,277,452	22.36
1934*...	29,930,132	3,237,520	10.82	1,030,132	199,076	19.32	7,906,105	424,286	5.37	5,335,816	1,149,503	21.54
1935*...	29,904,878	3,013,917	10.08	915,892	174,764	19.08	8,037,006	441,344	5.49	5,230,234	1,109,091	21.20
1936*...	30,556,176	3,179,155	10.40	897,353	187,187	20.86	8,252,554	458,324	5.55	5,241,996	1,117,034	21.31

*Temporary Loan Repayments not included in Gross Expenditure.

APPENDIX D.

Summary showing the several items which entered into the computation of the Legislative Grants for Public and Separate Schools for the year 1937

	Grant on Certificates	Grant on Equipment	Grant on Salaries	Grant on Attendance	Grant on Maintenance	Grant on Capital	TOTAL
RURAL SCHOOLS:							
Public—							
Counties	$336,029.72	$132,072.45	$764,440.54	$135,314.69	$41,814.00	$12,484.33	$1,422,155.73
Districts	56,906.25	42,887.68	358,630.90	24,230.52	52,152.00	23,926.43	558,733.78
Separate—							
Counties	19,759.25	7,244.66	85,802.55	13,325.42	8,122.00	11,172.17	145,426.05
Districts	7,279.00	12,759.91	121,401.52	7,656.32	19,514.99	26,462.62	195,074.36
URBAN SCHOOLS:							
Public—							
Cities	....	....	86,857.02	173,327.50	....	....	260,184.52
Towns	....	....	129,966.03	53,205.57	1,068.00	818.67	185,058.27
Villages	....	....	96,406.88	19,030.12	2,564.00	1,513.81	119,514.81
SEPARATE—							
Cities	....	....	32,921.36	49,583.82	626.00	1,425.15	84,556.33
Towns	....	....	88,240.71	20,866.32	13,884.00	26,938.69	149,929.72
Villages	....	....	18,185.60	2,033.04	1,676.00	2,886.94	24,781.58
	$419,974.22	$194,964.70	$1,782,853.11	$498,573.32	$141,420.99	$107,628.81	$3,145,415.15
Less amount deducted under Section 6A of the Regulations							91,890.56
							$3,053,524.59

UNIVERSITY OF TORONTO
REPORT
OF THE
BOARD OF GOVERNORS
FOR THE
YEAR ENDED 30th JUNE
1937

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SESSIONAL PAPER No. 12, 1938

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1938

UNIVERSITY OF TORONTO

REPORT

OF THE

BOARD OF GOVERNORS

FOR THE YEAR ENDED 30TH JUNE, 1937

To His Honour the Lieutenant-Governor-in-Council:

The Governors of the University of Toronto have the honour to present their thirty-first annual report, which is accompanied by the President's review of the academic work of the University and its Colleges for the Session 1936-37 and the reports of various officers and departments. The President's report conveys in a very comprehensive manner the innumerable activities of the University, and its relation to public service is being emphasized more each year.

There are also presented the usual statements covering the funds and assets, including investments, as they stood at the close of business on 30th June. 1937, together with detailed statements of the receipts and expenditures of the Board for the fiscal year which ended on that date, and the certificate of audit of the same by Mr. G. T. Clarkson of the firm of Clarkson, Gordon, Dilworth and Nash.

The auditor's report states that all the transactions of the year upon the Revenue and Capital accounts have been duly audited and found correct: that the securities representing the investments which are held for safekeeping by the Canadian Bank of Commerce, were produced for his examination twice during the year and found to be in agreement with the Bursar's records; and that this officer's records are well kept and all endowment and trust funds properly accounted for. While a few municipal bonds continue in default, this is the experience of practically every investment corporation today; and the high character of the investments as a whole is shown by the fact that their market value on 30th June was greater than their book value by approximately $860,110.

The Governors during the year availed themselves of an opportunity which presented itself of purchasing at an exceptionally low figure. $18.000, the property known as No. 53 St. George Street. the purchase being financed from the proceeds of the Whitney Bequest.

The general revenue for the year amounted to $1,703,941. There was also credited to revenue the Legislative Grant of $920.000 and a Supplementary Special Grant of $180,000, making a gross total of $2,803,941. There is, however, to be deducted from this sum $67,925 for interest written to certain scholarship and trust funds, leaving available for expenditure for salaries and maintenance, $2,736.016.

The expenditure under the appropriations made by the Board for these purposes (exclusive of the Ontario College of Education which is maintained by a separate vote) totalled $2,704,243.

Every effort was made during the year to reduce all controllable expenditure, and as a result a net saving of $31.773 was effected. This sum when applied to the debit balance of $45,878 which was carried down from the previous year leaves a final deficit on revenue account of $14.105.

All of which is respectfully submitted.

D. Bruce Macdonald.
Chairman.

Toronto. 25th November. 1937.

PRESIDENT'S REPORT

1936-1937

To the Governors of the University of Toronto:

GENTLEMEN:

I have the honour to present herewith my report on the academic work of the University and University College for the twelve months ending on the 30th June, 1937:

INTRODUCTION

The year has not been marked by spectacular happenings but by general advance and sustained activity. This has been due to the cordial co-operation of the staff, both academic and administrative. The University of Toronto is a vast and varied organism, the responsibilities for whose direction, supervision and inspiration grow heavier year by year. A fine loyalty pervades the whole. We go forward in high hope and good courage to discharge as best we can the task of training and stimulating men and women "to think strenuously about the great issues of right and wrong, of liberty and government, on which both for the individual and community a balanced judgment is essential to a rational life."

Never forget that the staff really makes the University. To keep our academic rank in the world of letters and science. and to do the best work we can for the students under our charge, we must maintain a high standard of teaching staff and an adequate scale of remuneration for them.

I commend to your careful attention the detailed reports of the various faculties and departments of the University and of University College. These are appended. In this preface to the full report. I deal only with some of the main features of the year's work.

ATTENDANCE

The total number of students enrolled was 8136, of whom 4987 were men and 3149 women; 7448 being registered in the colleges and faculties and 688 in the departments. The number of students proceeding to degrees was 6541 and to diplomas 818. Of the students in attendance 4007 came from Toronto. and 3363 from other parts of the Province of Ontario. Every county is represented. There has been an increase in registration of 188.

THE STAFF

The total staff of the University and University College numbered 876. of whom 119 were professors, 68 associate professors, 85 assistant professors, 217 lecturers. associates (in medicine and dentistry) and instructors in the Ontario College of Education. 1 director. 2 assistant directors, 384 demonstrators, fellows and instructors with sessional appointments. In the Federated Colleges there are 108. The total number in the complete staff is 984.

During the year we have suffered loss of members of the staff in the past and present, whose services to the University and to the world of science have been conspicuous. The list of deaths is as follows:

W. A. Parks, B.A., Ph.D., professor emeritus, faculty of arts; A. E. Webster, M.D., D.D.S., (Chic.), M.D.S., LL. D., professor emeritus, faculty of dentistry; L. B. Stewart. D.T.S., professor emeritus, geodesy and surveying; Oskar Klotz. M.B., M.D., C.M. (McG.). professor of pathology and becteriology; F. W. Marlow.M.D., C.M.. associate professor of obstetrics and gynaecology; G. H. Locke. M.A.. B.Paed., LL.D., special lecturer. library school; J. E. Bates, B.A. (McM.), M.B.. lecturer in pathology; W. H. Williams. M.A. (Qu.), B. Paed.. instructor. University Schools; M. M. Crawford, M.B., associate. medical jurisprudence. R. J. Hamilton, B.A., manager University Press, Miss H. M. Latter, B.A., secretary, department of university extension and publicity.

To Professor Parks, who died on October 3rd, 1936, and Dr. A. E. Webster. who died November 5th. 1936. a full reference was made in last year's report at the time of their retirement from active work. They have left happy memories and inspirations to their colleagues and students.

Professor Louis Beaufort Stewart passed away on March 15, the last of the three original members of the staff of the School of Practical Science. His colleagues were Dean Galbraith and Dr. W. H. Ellis. For thirty years he was professor of surveying and geodesy, and for some years previous he had lectured on the same subject. The son of a great surveyor. he shared with his father the achievement of surveying and laying out the Banff National Park. He was an able mathematician. and on this basis built up a fine superstructure of practical geodetic surveys. He retired from active work on the staff in 1931.

In the person of Dr. Oskar Klotz. who died on November 3rd, 1936, after a brave fight to the very end against an incurable disease. the University lost one of its most distinguished teachers and the whole world one of its leading research pathologists. In truth he was a martyr in the cause of science. The son of Dr. Otto Klotz, late director of the Dominion Observatories. he was born in Preston in 1878. He graduated in medicine from the University of Toronto in 1902. He did postgraduate work at McGill University under Professor Adami, receiving the degree of M.D.. C.M. in 1906, and serving there as a demonstrator and lecturer in pathology and bacteriology. During his postgraduate years he visited pathological laboratories in the Universities of Bonn, 1905; Freiburg. 1908; and marburg 1914. From 1910 to 1920 he held the chair of pathology and bacteriology in the University of Pittsburgh. Pa. During the war years he acted as consulting pathologist to the War Department at Washington. He was so successful in building up a strong department of pathology at Pittsburgh that the Health Board of the Rockefeller Institue appointed him to reorganise the department of pathology in the University of Sao Paulo, Brazil. Here he remained from 1920 to 1923. and here his interest was aroused in the pathology of yellow fever. In 1923 his *Alma Mater*. the University of Toronto. called him back to be professor of Pathology and bacteriology. in succession to the well-beloved Professor J. J. Mackenzie.

During his tenure of our chair he was commissioned by the Rockefeller Institute to investigate yellow fever in Nigeria. and in 1926 and 1928 he visited the West African Coast. He established the fact that the origin and pathology of the dread disease were the same on both sides of the Atlantic. Although he avoided a yellow fever infection. he almost died from a severe attack of tropical malaria. Though his robust constitution carried him through this peril. he was permanently weakened in health. He carried on his teaching. his investigations. his supervision of the researches of those working under him till within a few days of his death. With indomitable spirit he gave his last lecture sitting in his chair. and the subject was the disease of which he was dying. He suffered in silence; and his example will be a great challenge to those who come after him.

In 1934 he went to Utrecht in Holland as one of two Canadian representatives to the Congress of Geographic Pathologists and took part in a symposium on arteriosclerosis. Innumerable papers stand to his credit on various pathological conditions. all of them marked by clarity, conciseness and strict scientific accuracy in both observation and exposition. But his world fame rests especially on his work on arterio-sclerosis and diseases of the arteries, and on yellow fever.

As late as 1935 he held the presidency of the Toronto Academy of Medicine and exercised a stimulating influence on all its medical and scientific activities. He was elected fellow of the Royal Society of Canada in 1928; he was a member of the National Reseach Council of Canada, of the Royal College of Physicians and Surgeons of Canada, of the Pathological Society of Great Britain and Ireland, of the American Association of Pathologists and Bacteriologists (in 1919, President), of the American Society of Tropical Medicine, of the Society of Experimental Biology and Medicine, of the Society of Experimental Pathology (in 1935, President), of the Association of Medical Museums (President 1919), and of the International Society and the American Association for the History of Medicine. The mention of these connections shows how wide were his scientific interests. how highly he was esteemed in the world of research, and what prestige he brought to this University by his writings, his investigations, and his force of personality.

In teaching he went to the heart of the subject and insistently demanded accuracy in observation and in statement. He was the very embodiment of the spirit of research—a man who worked untiringly to discover the causes of things, in scorn of material reward. I trust that his library, remarkable both for its volumes on the history of medicine and for its wide range in pathology, will be kept together and acquired by the Academy of Medicine and the University of Toronto.

Dr. Frederick William Marlow after a gallant and extended fight against a heart condition died suddenly on August 22, 1936. He was a graduate of Trinity Medical School, holding the degree of M.D., C.M. and became a member of the medical staff of the University of Toronto on the union of the colleges. He was a fellow of the Royal College of Surgeons of England, and for many years was associate professor of gynaecology in this institution. During the War he organised the medical services in this military district. The esteem in which his confreres held him is witnessed by his election to the presidency of the Academy of Medicine and of the Ontario Medical Association.

Dr. George Herbert Locke, the chief librarian of the Toronto Public Library since 1908, was also on the staff of our Library School. He passed away on January 28, 1937, amid universal regret.

Graduating from this University (a member of Victoria College) as B.A. in 1893, B. Paed. and M.A. in 1896, he gave instruction in the history and methods of teaching in the Universities of Harvard and Chicago (being from 1903-5 Dean of the College of Education, Chicago) and was dean of the School of Education, Macdonald College, McGill University. From this post he was called to the chief librarianship in Toronto. In 1927, when he was president of the American library Association, he received from Toronto the honorary degree of LL.D. He had much to do with the founding of the Library School—carried on in the Ontario College of Education—and was one of its most valued and inspiring lecturers. To him the Arts Colleges of this University owe the Carnegie grants of $15,000 for their undergraduate libraries.

Dr. J. Edgar Bates died of a sudden heart attack on February 21st. A graduate of McMaster University in Arts and of Toronto in Medicine, he lectured in pathology for the past twelve years and was counted among the most promising of the younger pathologists.

On May 6th Walter Herbert Williams for about twenty years senior modern language master in the University of Toronto Schools, died in his 56th year. He had been a teacher in Kitchener Collegiate Institue for fourteen years before he came in 1917 to the University Schools. He was a stimulating and kindly teacher.

Dr. Malcolm Maclachlan Crawford, the chief coroner of Toronto since 1926, and lecturer in medical jurisprudence in our medical faculty, died on the 14th of May. He graduated in medicine from this University in 1898 and did postgraduate work at Johns Hopkins. His wide experience and rich human sympathy enabled him to "execute justice with mercy" (as the King's coronation oath expresses it) and to give to our students both wise instruction about criminal investigations and a heart of kindliness to those in distress.

On November 14th, 1936, Mr. Richard J. Hamilton, B.A., manager of the University Press, passed away in his 66th year. Though troubled with diabetes for some years he was seriously ill for only two weeks before his death. In 1904 he opened a university bookstore in the library building. This grew to large proportions in the course of years. Out of this undertaking came a University Press which did printing for the various departments of the University and also in due time published the *Historical Review*, the *University Quarterly*, the *Journal of Political Science*, the *Law Journal*, the *Varsity*, the *University Monthly*, the *University Studies*, and various scientific and literary books, written mainly by members of the university staff.

Since 1908 Mr. Hamilton has been manager of the Press. In 1933 the University took over the bookstore and Mr. Hamilton managed the whole undertaking, with its three departments of printing, publishing and book-selling. During his management the present Press Building was erected and equipped and a substantial reserve fund was established. Mr. Hamilton's whole life and interest were devoted to the development of the Press and the Book Shop.

The University lost a faithful and efficient servant in the person of Miss Harriet Mulholland Latter, since 1916 the secretary of the department of University Extension. A graduate of this University in 1904, with honours in modern languages, she served as a missionary in China. Some time after her return to Canada, owing to illness in her family, she was appointed to the staff of the Extension Department. Here she did a fine piece of work, giving personal advice and guidance to those who were enrolled in the Teachers' Course, and to all who sought information about the manifold activities of this varied and ever growing branch of university work.

The Board of Governors will keenly miss the presence and advice of their fellow-governor, Dr. F. W. Merchant, who passed away on the 29th January. His ripe experience as a teacher and educational administrator made hime a wise counsellor both on the academic and on the financial side of the Board's work.

The following members of the staff retired under the age limit:

Brig.-Gen. G. S. Cartwright, C.B., C.M.G.. director, department of military studies; W. Lash Miller, C.B.E., B.A., Ph.D., (Munich), professor of physical chemistry; E. J. Urwick, M.A., (Ox.), professor of economics and director of social science; A. N. Scarrow, lecturer, manual training, Ontario College of Education: Charles F. Heebner, Dean of the Ontario College of Pharmacy.

The inevitable passing of the years and the pension rules of the University make it necessary that even some of our most distinguished members of the teaching staff must retire from active lecturing. Some of them, happily, continue to carry on researches which the load of teaching made it difficult for them to pursue.

General George Strachan Cartwright, after a distinguished career in India and on the Western Front, as a member of the Royal Engineers, was appointed Director of Military Studies in the University of Toronto in 1927, in succession to Colonel W. R. Lang. His experience in all parts of the world has given vividness to his lectures, while his sterling character has won him the respect of successive generations of members of the C.O.T.C. He retired from his instructional work at the end of June 1937.

Professor William Lash Miller has given his whole life to this University. Graduating in 1887, he went to Germany where chemical studies held a foremost place in his postgraduate work, and at the University of Munich he won his Ph.D. in 1890. After serving in the department of chemistry on his return from Germany, he was made professor of physical chemistry in 1907, and ultimately head of this great and growing department. He was elected a fellow of the Royal Society of Canada and in 1935 became its president. As president and in recognition of his researches in the field of yeasts he was made C.B.E. He has steadily published scientific papers containing the results of his investigations and those of his students. His fame abroad is evidenced by his choice to be an honorary member of the American Chemical Society, the Electro-Chemical Society, and the American Electroplaters Association. He managed a vast department in this University with energy and economy. For years he has urged upon the Board of Governors the vital importance of extending the present chemical buildings and equipment and of seeking to co-ordinate the chemical teaching throughout the whole University. He was a stimulating teacher and a singularly forceful personality.

Edward Johns Urwick, the son of a famous Congregational Divine in England, came to Canada after his retirement from important academic posts in London—the directorship of the London School of Sociology 1902-10, and professor of social philosophy in the University of London from 1912-22. He was vice-president of the Sociological Society of England and a member of the Poor Law Guardians of London from 1896 to 1902. While in England he published "Studies of Boy Life in Great Cities" 1903, "Luxury and Waste" 1906, "A Philosophy of Social Progress" 1909, and "The Message of Plato" 1920 (which traced connections between the teachings of Indian sages and Plato).

In 1929, in succession to Professor R. M. MacIver, who went to a chair in Columbia University, New York, he was appointed head of the department of Political Science and economics in this University and acting director of the department of Social Science. His admirable volume "The Social Good" was also published in 1927. Professor Urwick has taken a leading part in all matters of social welfare in the City of Toronto, most notably in housing . He has been chosen chairman of the recently organised Toronto Welfare Council.

He has been largely instrumental in organising and carrying through the honour course in sociology, leading to the degree of B.A. Graduates in this department enter on the specific course in the department of social science, combining thereby the theoretical and scientific basis with the practical application to actual social problems. I am glad to say that we shall still have the benefit of Professor Urwick's services in sociology, given gratuitously and of his ripe experience in public welfare movements.

Mr. A. N. Scarrow since 1910 has been on the staff of the University Schools and of the Faculty of Education till his retirement in June 1937, as lecturer in manual training. This veteran schoolmaster was much beloved by colleagues and pupils. A man of simplicity and sincerity, he taught his students to loathe all that was mean and petty and to develop their intellectual and emotional characters.

Charles Frederick Heebner retired from the deanship of the affiliated College of Pharmacy last June. Since 1891 he has presided over the destinies of that institution. Well-trained in Columbia University, New York, in the University of the City of New York, and as the chief chemist of the Pharmaceutical Laboratory of Lazell and Dalley, he came to Toronto in 1891. Since that date he has been professor of pharmacy, prescriptions and dispensing, as well as Dean. His outstanding books are "A manual of Pharmacy and Pharmaceutical Chemistry" 1887, and " Synopsis of British Pharmacopoeia and Canadian Attendum Preparations" 1935. Under him the College of Pharmacy has come into closer relations with the University. Its students are being taught by the University the subjects of botany, pharmacology and chemistry. Careful consideration is now being given both by the Council of the College of Pharmacy and by the University to the raising of standards and the lengthening of the course.

The following resigned their positions:

T. L. Walker, M.A. (Qu.), Ph.D. (Leip.), professor of mineralogy and director of the mineralogical laboratories; H. J. Davis, M.A. (Ox.), professor of English; L. Irving, A.B. (Bowdoin), A.M. (Harv.), Ph.D. (Stanford), professor of experimental biology; R. G. McLean, D.D.S., professor of dental praxis; Miss A. L. Laird, M.Sc. (Drex.), professor of household science; W. M. Drummond, B.A. (Qu.), M.A., assistant professor of political economy; Wallace A. Scott, C.M.G., B.A., M.D., assistant professor of surgery; W. W. Jones, B.A., M.B., assistant professor of surgery; M. H. Roepke, B.S. (Kansas), M.S. (Ill.), M.A. (Tor.), Ph.D. (Min.), Lecturer in pharmacology; E. C. Beck, B.S.A., M.A. lecturer in botany; P. A. T. Sneath, M.D., D.P.H., lecturer in hygiene.

After a period of ill-health, due to a coronary thrombosis, Dr. Thomas Leonard Walker has resigned. After graduating from Queen's University in 1890, he studied abroad at the Universities of Leipzig (where in 1895 he received his Ph.D.) and Heidelberg. Then he went to India, where from 1897-1902 he was assistant superintendent of the Geological Survey of India; in 1898 he lectured in geology in the Presidency College of Calcutta. While he worked in India, he made a scientific expedition across the high passes of the Himalayas into Tibet. In 1901 he was appointed professor of mineralogy and petrography in the University of Toronto, and held that chair until his retirement at the end of the academic year in June 1937. He was an excellent teacher and leader in research. For thirty-five years he represented his department to successive generations of students and left a deep mark on mineralogical studies in Canada. In 1914 he published his famous book on "Crystallography" and almost every year contributed papers to the scientific journals of the Continent. He has sealed his long career in this University by presenting to his department his wonderful collection of over 5000 mineralogical pamphlets.

Herbert John Davis, a B.A. of Oxford University (St. John's College) and a fine soldier during the Great War, lectured in the University of Leeds in 1920, and came to us in 1922 as an associate professor of English in University College. He was made a full professor in 1935. In 1924-5 he was a guest professor in English at the University of Cologne. In 1935 he edited "The Drapier's Letters" by Jonathan Swift. He has also written "Swift's View of Poetry" and various articles and reviews, mainly on eighteenth century and modern literature. We have found it hard to hold him on our staff in face of flattering offers that have come to him from famous universities across the line. This year he accepted a chair of English in Cornell University. His founding of an exchange fellowship in this University is referred to more fully in the Report of the Principal of University College.

Professor Davis was a stimulating teacher and leader in research. We wish him all success in his new sphere of work. Members of our staff who join the staff of other universities are links of goodwill among the confraternity of Universities in Canada and abroad.

Dr. Lawrence Irving came to us in 1927 as associate professor of physiology. He was a M.A. of Harvard and Ph.D. of Stanford. After seven years with Professor Best he was transferred to the department of biology, as professor of experimental biology. He was a stimulating leader in research. For him the Hoskin Laboratory was fitted up with the best equipment for the development of this work. At the end of this academic year he left to become head of the department of biology in Swarthmore College. I am glad to say that a suitable successor has been found in one of his old pupils in this University, Dr. Kenneth Fisher, who returns to us after holding a biological professorship in the University of Maine. The work so well begun by Professor Irving will be carried forward by Professor Fisher.

Dr. R. Gordon McLean was for many years a member of the Council of the Royal College of Dental Surgeons. After the Dental College became a faculty of this University, Dr. McLean was appointed in 1932 as associate in dentistry, and next year professor of dental praxis. He retired this year and removed to the Island of Jersey.

William Malcolm Drummond, a B. A. of Queen's University and a M. A. of Toronto, was appointed a lecturer in economics in 1929, and an assistant professor in 1930. His special field was rural economics. The Minister of Agriculture, Hon. Duncan Marshall, felt that Professor Drummond would be more strategically placed in the Ontario Agricultural College at Guelph than here in Toronto. This transfer was made at the end of this college year. Professor Drummond will probably continue to give some lectures in his special subjects to our students in economics. He was an excellent instructor.

Colonel Wallace Arthur Scott graduated from this University as a B.A. in 1895; M.D. in 1898; served in King's College Hospital London 1902-4. During the Great War he held high command in the Canadian Army Medical Corps and received the C.M.G. in 1918. He is a fellow of the Royal College of Surgeons, England. He was an associate in surgery and clinical surgery on our medical staff, being associated with St. Michael's Hospital. He was a brilliant surgeon and an excellent teacher. For his services to students while a member of our medical faculty we express to him our hearty thanks.

William Warner Jones has served on our medical staff for thirty years. In 1907 he was appointed as assistant demonstrator in anatomy. In 1908 he was placed on the surgical staff, serving successively as demonstrator, associate and assistant professor. This year he retired, followed by the high esteem of colleagues and students.

All these members of the staff have given the best energies of their lives to the University and its students. We are profoundly and sincerely grateful for their services.

Leave of absence was granted to:

For the session: J. G. FitzGerald, M.D., LL.D., director, school of hygiene, and professor of hygiene; T. L. Walker, M.A. (Qu.), Ph.D. (Leip.), professor of mineralogy and director of mineralogical laboratories; G. Oswald Smith, M.A. (Ox.), professor of Latin; W. R. Taylor, M.A., Ph.D., D.D. (Qu.), professor of semitics; Wallace A. Scott, C.M.G., B.A., M.D., assistant professor of surgery; C. C. Lucas, M.A.Sc. (B.C.), Ph.D., assistant professor, medical research—Banting; G. A. Cline, D.S.O., M.A., instructor in University Schools; W. H. Williams, M. A. (Qu.), B. Paed., instructor in University Schools.

For one term: F. V. Winnett, M.A., Ph. D., assistant professor in semitics; H. Grayson Smith, B.A., Ph.D., assistant professor in physics.

The following new appointments and promotions were made during the year:

In the Faculty of Arts:—Appointments: S. Beatty, M.A., Ph.D., dean; Barker Fairley, M.A. (Leeds), Ph.D. (Jena), professor of German; G. L. Assie, L. es L., Dip et Sup. Paris, Lecturer in French; A. E. Birney, B.A. (B.C.). M.A., Ph.D., lecturer in English; P. Brieger, Ph.D. (Bres.), lecturer in fine art; J. M. Gage, M.A., LL.B., lecturer in law; J. F. Heard, B.A., (West.), M.A. (McG.), Ph.D. (McG. and London), lecturer in astronomy; R. A. Preston, M.A. (Leeds), Ph.D. (Yale), lecturer in history; J. Satterly. M.A., Ph.D. (Camb.), lecturer in geology; F. E. W. Wetmore, B.Sc. (N.B.), M.A., lecurer in chemistry

Promotions:—F. C. Auld, B.A. (McG.), M.A., B.C.L. (Ox.), from an ossociate-professorship to a professorship in Roman law and jurisprudense; H. A. Innis, M.A. (McM.), Ph.D. (Chic.), from an associate-professorship to a professorship in political economy; T. F. McIlwraith, M.A. (Camb.), from an associate-professorship to a professorship in anthropology; H. L. Humphreys, A.B. (Mich.), A.M. (Princ.), Ph.D. (Col.) from an assistant professorship to an associate-professorship in French; H. S. M. Coxeter, B.A., Ph.D. (Cam.) from a lectureship to an assistant-professorship in mathematics; C. W. M. Hart, M.A. (Syd.) from a lectureship to an assistant-professorship in anthopology; F. S. Hogg, B.A., A.M., Ph.D. (Harv.) from a lectureship to an assistant-professorship in astronomy.

In the Faculty of Medicine:—Appointments: W. E. Gallie, M.D., dean; D. Y. Solant, M.A., M.D., Ph.D. (Lond.), assistant professor in physiology; E. H. Botterell, M.D. (Man.), lecturer in physiology; B. F. Crocker, M.A., lecturer in biochemistry.

Promotions:—G. F. Marrian, D.Sc. (Lond.) from an associate-professorship to a professorship in biochemistry; T. F. Nicholson, M.B., B.Sc. (Med.), Ph.D., from an assistant-professorship to an associate-professorship in pathological chemistry; Miss F. H. Fraser, B.A., M.B., from a lectureship to an assistant professorship in hygiene; H. K. Detweiler, M.D., from an associateship to an assistant-professorship in medicine; T. A. J. Duff, M.B., from an associateship to an assistant-professorship in surgery; Wallace A. Scott, C.M.G., B.A., M.D., from an associateship to an assistant-professorship in surgery; J. Chaigie, M.B., Ch.B., Ph.D., D.P.H. (St. And.) from a lectureship to an assistant-professorship in Epidemiology.

In the Faculty of Applied Science:—Promotions: A. Wardell, B.A.Sc., from a lectureship to an assistant-professorship in engineering drawing.

In the Faculty of Dentistry:—Appointments: A. D. A. Mason, D.D.S., dean; D. M. Tanner, D.D.S., associate in dentistry.

Promotions:—R. G. Ellis, B.D.S. (Adel.), D.D.S., B.Sc. (Dent.) from an associateship to an associate-professorship in dentistry; R. J. Godfrey, D.D.S., from an associateship to an associate-professorship in dentistry.

In the Faculty of Household Science:—Appointment: Miss J. Brodie. B.A., A.M.. Ph.D. (Col.), professor of household science.

In the School of Nursing:—Appointment: Miss N.D. Fidler, lecturer.

In the Department of Social Science:—Appointment: A. E. Grauer, B.A. (B.C.) (Ox.), Ph.D. (Cal.) from an assistant-professorship to an associate-professorship.

In the Ontario College of Education:—Appointment: M. A. Cameron, M.A. (B.C.), Ph.D. (Tor.), assistant professor in educational research.

Promotion:—W. J. Lougheed, M.A., B. Paed. from an associate-professorship to a professorship in mathematics.

In Medical Research—Banting:—Appointment: G. E. Hall, M.S.A., M.D., Ph.D., assistant professor.

Honours were conferred upon members of the staff:

Dr. A. P. Coleman, emeritus professor of geology, received the Penrose medal of the Geological Society of America, in recognition of eminent research in pure geology and of outstanding original contributions which mark a decided advance in the science of geology; Dr. W. E. Gallie, professor of surgery and dean of the faculty of medicine, was invited to be honorary surgeon-in-chief for a week by the New York Hospital for Ruptured and Crippled; Dr. G. S. Young, special lecturer in medical ethics and economics, was reelected chairman of the Council of the Canadian Medical Association; Sir Ernest MacMillan, dean of the faculty of music; was invited to act as adjudicator at the Royal National Eisteddfod, Wales; was tendered a civic reception by the Mayor and Corporation of Montreal on the occasion of his visit as guest conductor of one of "Les Concerts Symphoniques de Montreal"; was elected one of the Vice-Presidents of the Royal College of Organists of London, England; Professor J. Finkelman, department of law, has been appointed impartial chairman of the Toronto Men's Clothing Industry under the terms of an agreement between the employers and the employees; Professor E. Arthur. school of architecture, was awarded the gold medal of the Royal Architectural Institute; Professor H. E. T. Haultain, department of mining engineering, was awarded the Randolf Bruce Gold Medal, in recognition of his efforts in solving the problem of what happens to different types of rocks when ground up by the impact of steel balls or tubes in revolving mills used in ore reduction, thus enabling recovery of largest possible proportion of valuable metallic contents; Professor H. J. Davis of the department of English, University College, has been appointed Frederic Iver Carpenter visiting professor at the University of Chicago; Dr. Bernard Haurwitz, department of physics, has been appointed a research associate at the Blue Hill Observatory; Professor T. J. Meek, department of Semitics, University College, has been elected Chairman of the Library Committee of the American Schools of Oriental Research; also elected a member of the Semi-centennial committee of scholars and educators of the Jewish Theological Seminary, New York, and Vice-President of the Mid-West Branch of the Society of Biblical Literature; Dr. E. F. Burton, professor of physics, was chosen Vice-President of the "Premiere Commission du International Institut du Froid", and appointed a member of the National Research Council at Ottawa; A. G. Huntsman, professor of marine biology, was elected president of the Royal Society of Canada; Dr. C. H. Best, professor of physiology, was elected president of the Canadian Physiological Society; Dr. A. A. Fletcher, associate in medicine, was elected president of the Canadian Rheumatic Disease Association; Dr. J. H. Elliott, professor of the history of medicine, was elected a member of the Council of the American Association of the History of Medicine; Professor R. W. Angus, department of mechanical engineering, was elected an honorary member of the Engineering Institute of Canada; Professor W. P. M. Kennedy, department of law, has been appointed foreign correspondent of the

American Society of Arbitration Law; Professor F. C. Auld, department of law, has been appointed a research assistant in Arbitration Law of the American Society of Arbitration Law; Dr. A. R. Gordon, associate professor of chemistry, was elected a fellow of the Royal Society of Canada; Professor C. N. Cochrane, department of ancient history, was elected a fellow of the Royal Society of Canada; D. C. B. Farrar, department of psychiatry, was elected an honorary member of the Verein für Angewandte Psychopathologie und Psychologie (Vienna), and a corresponding member of the Verein für Psychiatrie und Neurologie (Vienna).

As the efficiency of the University depends on the charter, training and ability of the staff, every care is taken to fill vacancies and make additions by securing men of scholarship, teaching power, aptitude for research, and fine personality. Among those who have been appointed to carry on work for the session 1937-38 are the following:—

In succession to Dr. Oskar Klotz, the Board has chosen for the important chair of pathology, Dr. William Boyd of the University of Manitoba.—a brother-in-law of Dr. J. C. B. Grant, our professor of anatomy. From the University of Edinburgh he graduated in 1908 as M.B., Ch.B.; in 1911 he took his M.D.—his thesis for this was on the cerebro-spinal fluid. In the same year he took his M.R.C.P. Edin. and his diploma in psychiatry. He served "with a field ambulance at Ypres" in 1914-15. Thereafter he came to Winnipeg to be the first full-time professor of pathology in the University of Manitoba in 1915; and in 1919 was appointed pathologist to the Winnipeg General Hospital. His teaching and his pathological and clinical experience were amicably and constructively combined. Amid his heavy duties he found time to write three volumes widely used in medical colleges of this continent; a "surgical pathology", now in its third edition; a "pathology of internal diseases", now in its second edition; and a "text book of pathology", now in its second edition. A colleague has described these books as marked by "untraditional treatment, lucid and picturesque expression, brevity and completeness without being exhaustive, and by original and beautiful illustrations". In February his last book appeared, "An Introduction to Medical Science", giving to beginners a panoramic view of the subject.

He is a most interesting, stimulating and co-operative teacher. Universities in Great Britain and Ireland, Africa and the United States and our own Dominion have sought him for their chair of pathology. We are fortunate indeed that he has accepted our invitation to come to Toronto.

In 1932 he was made a fellow of the Royal College of Physicians of London, and in 1934 was elected president of the American Association of Pathologists and Bacteriologists.

It is worthy of note that among the favourite text-books in pathology, anatomy and physiology used in the medical schools of America are those written by the heads of these departments in our Faculty of Medicine.

The department of Political Science has been strengthened by the addition of Dr. Robert Macgregor Dawson, professor of political science in the University of Saskatchewan since 1928. He graduated from Dalhousie University in 1915; took his A.M. from Harvard in 1917; his M. Sc. in 1921 and his D.Sc. in 1922 from the University of London.

He taught in Dalhousie, in Pittsburgh and in Rutgers before going to Saskatchewan. He is a fellow of the Royal Society of Canada. He has written several valuable volumes on public administration, such as "The Civil Service of Canada", "Constitutional Issues in Canada" and just recently "Development of Dominion Status 1900-1936". We look forward to definite advances in our courses in public administration both in the senior and undergraduate years and in the School of Graduate Studies.

Professor Rouillard comes to us from Amherst College to be a member of our French Department in University College. He is an authority on the life and writings of La Fontaine; he thus adds to our strength on the literary side of French studies.

The work done by the late Professor W. A. Parks has been divided. Dr. George Langford becomes professor of mining geology. One of our own graduates in Applied Science, he went to Cornell University where he obtained his Ph.D. in geology and gave lectures in that field. For the past seven years he has been the geologist of the McIntyre Mine. He has thus had a wide experience in the application of geology to mining. He will be able to make a special contribution to the new course in Mining Geology.

Dr. Loris Russell, trained in Alberta and in Princton Universities and for some years in the Geological Survey of Canada, will have charge of vertebrate palaeontology. He has been a member of various expeditions to the Canadian West in search of dinosaurs. He will thus be able to maintain and carry on the magnificient work accomplished by Dr. Parks.

Dr. Fritz of our present staff will have charge of the invertebrate palaeontology.

The resignation of Professor T. L. Walker in mineralogy left a vacancy hard to fill. At last the Board appointed Dr. Martin Alfred Peacock of Harvard University to be associate professor of mineralogy and petrography. He graduated from Glasgow in 1922, and subsequently received his Ph.D. from Harvard, and his D.Sc. from Glasgow. One of the greatest tributes that could be paid to a scholar in his field was paid him when the American Mineralogical Society chose him to revise the famous standard text-book, Dana's Mineralogy. Incidently Dr. Peacock is a Licentiate of the Royal Academy of Music in London.

The growing work of teaching and of museum administration in anthropology has made it necessary to secure assistance for Professor McIlwraith. Dr. Nash of the department of anthropology in the University of Chicago has been appointed a lecturer.

Dr. Nash has had experience in exploring and excavating Indian mounds in the Mississippi Valley, and this should qualify him to conduct similar scientific investigations into Indian mounds in this country.

We have taken a great step forward in appointing Dr. Hermann Fischer, to be a research professor of organic chemistry. The son of one of the most famous of modern chemists, Dr. Emil Fischer of Berlin, he is himself one of the outstanding leaders in this field. He left the University of Berlin in 1933 and has been professor of organic chemistry in the University of Basel, Switzerland. In the winter he visited this continent, and many of its universities, including our own.

He looked favourably on the invitation to become a research professor on our staff. His salary was generously provided for ten years by a friend of the University. The well-known chemist, Dr. Dakin, stated to me in a letter that if Professor Fischer could be induced to settle in Canada, he would make a most valuable contribution to chemical research on the whole continent.

The University in General

I am glad to have obtained from former Governors-General who have received the degree of LL.D. *honoris causa* from this University signed photographs of themselves and their wives. These were most cheerfully given. We had those of Earl and Countess Grey and Lord and Lady Tweedsmuir. We have now added to our collection the portraits of the Duke and Duchess of Connaught, the Duke and Dutchess of Devonshire, Lord and Lady Byng, Lord and Lady Willingdon and Lord and Lady Bessborough. These now hang on the wall in the upper story of Simcoe Hall.

Sir Richard Livingstone, the President of Corpus Christi College, Oxford, also one of our honorary graduates, sent me a stone owl from his college, removed during alterations, as both a symbal of that wisdom which all colleges seek to impart and as a visible link between a university in Canada and the mother-university of the English-speaking world.

At the Canadian National Exhibition an admirable display was made by this University and the Royal Ontario Museum. Numerous charts were prepared to illustrate the size of the University and the nature of the work it is seeking to do.

To. Mr. W. J. Dunlop of the University Extension Department we were indebted for this visible linking of the University to the general life of our Province, and especially to the Secondary and Elementary Schools.

We place on record our good wishes to our federated university, Victoria, on the celebration of its centenary. This was graced by the presence of Lord Tweedsmuir and many generations of old time students. Honorary degrees were conferred in Convocation Hall the most notable of these being a doctorate in divinity given to the Governor-General himself.

We congratulate St. Michael's College on the formal opening of its new buildings, which house its Institute of Mediaeval Studies.

The School of Library Science was inspected by Mr. Metcalf of New York and Miss Walsh of Ann Arbor with a view to its being accredited by the American Library Association. This rating has been made. In their report they suggest a site for the School nearer to the Central Public Library and to the University Library, and urge attention to the content of books as well as to the technique of handling them.

The Faculty of Arts

One of the outstanding events of the year was the Physics Institute held in February by our department of physics and centring around the person of a distinguished visitor, Dr. Niels Bohr of Copenhagen, one of the foremost phyicists of the world. Professors of physics came from the Universities of Cornell, Princeton, Chicago, Johns Hopkins, Wisconsin, Harvard, Rochester, McGill, Queen's, McMaster and Western. The subjects discussed are mentioned elsewhere in this Report. All who attended—including our own large staff, our graduate students, and our senior students—received a great mental stimulus. To Professor E. F. Burton, head of our own department of physics, is due the brilliant suggestion of holding such a conference.

The students aided by the staff in biology and botany held their triennial conversazione. Thousands attended the two buildings and had a notion of the broad field embraced by these sciences and of the manifold activities of those engaged in the work.

A new honour department in music has been approved by the Senate and the Board of Governors. One-third of this is strictly musical, the rest embraces other subjects of broad cultural value. Such a course leads to the degree of Bachelor of Arts. It will help to equip those who wish to teach music as well as other sujects in the Secondary Schools, and will further provide an excellent course of study in the liberal arts.

The new department of geography under Professor Griffith Taylor is very popular. Over two hundred enrolled in the first year. This number has taxed the strength of Professor Taylor and made necessary the appointment of demonstrators. More space will be required for next year's class.

Perhaps the most urgent need in this Faculty is larger accommodation for chemistry. Chemistry is now being taught in class-rooms scattered over the campus. Its teaching should be consolidated in one ample and well-equipped central building. Wings could be added to the present building (erected in 1892), a quadrangle completed, the old building re-conditioned, and the equipment of the whole brought up to date—if the necessary money were forthcoming. This should be our next step forward.

Portraits of the late Dean F. B. Allan and of the late Professor W. A. Parks have been presented to the University.

The course in the College of Optometry has been lengthened from two to three years. The students are registered as occasional students in the University and receive instruction in such subjects as physics (especially optics), physiology and anatomy.

Dean Beatty in his report strikes a note of warning against over-working students and not giving them time enough to read and think. He writes: "There is always a tendency to increase the content and complexity of courses, and to grow less and less aware of the difficulties of students". We can trust the Faculty Council to hold this tendency in proper control.

The four colleges in this Faculty have instituted a Dramatic Contest, held in Hart House Theatre. The trophy awarded for first place is presented by myself and is an illuminated vellum certificate, prepared by Mr. Scott Carter.

The adoption of senior matriculation as the requirement for entrance into the University continues to secure more maturity and more preparation on the part of the student. In the first year the student must adjust himself to the university method of work, he must become more responsible for himself. In consequence there will probably be more failures in examinations at the end of the first year than in any other year of the course. Between the years 1920 and 1930 there was a rise in failure percentage and a rapid decline since that date. In 1920 there were failures of 34 per cent.; in 1930 of 27 per cent.; in 1936, of 16 per cent.

The system of honor recommendation from the Secondary Schools seems to be working well. There is no indication of an increase of failures in the University in consequence of this change.

The proposed new curriculum for the Secondary Schools has an immediate bearing on university standards of entrance. To the new problems presented most careful consideration will be given by representatives of the Universities, the Schools, and the Department of Education.

At the Reception given by my wife and myself to all the members of the university staff and their wives, the guests of honour were the Lieutenant-Governor and Mrs. Bruce. Nearly eleven hundred were present. The University could realise its unity. For such a function the Royal Ontario Museum is a superb setting. I am grateful to the Trustees of the Museum for allowing us to use it.

Faculty of Medicine

With deep thankfulness we record the continuance through another five years of the munificent Eaton gift for the maintenance of the Sir John and Lady Eaton Chair of Medicine. Medicine and paediatrics share this benefaction, and by means of it have made a splendid contribution to both the clinical and research sides of these departments.

Microbiology has been transferred from botany to hygiene and preventive medicine.

During Dr. FitzGerald's absence, the Connaught Laboratories have been in charge of Drs. Best and Defries. The report of the work now in progress is most heartening. After his year's investigation of methods of teaching preventive medicine in Europe and America, Dr. FitzGerald will return with still wider experience, which he will use to the furtherance of the teaching in this field.

The Dean's report draws attention to the raising of standards in the first year and to the use of aptitude tests for determining what students are most suitable candidates for the medical profession. I commend to your attention the researches now in process on the use of Heparin, to prevent blood clotting, and on the best method of fighting silicosis in the mines.

The new protamine-zinc-insulin, which prolongs the effects of the injection is now on the market and is being sold over the whole continent.

Medical problems to-day must be faced and solved by co-operative effort. In our University such co-operation is the characteristic of all research work. Sir Frederick Banting's department of medical research is giving aid to whatever department or individual seeks its help.

A committee of the Faculty is passing the whole curriculum under review, in order to modify and improve it, as experience or new demands may require.

The department of medical research has so grown that two stories should be added to the present Banting Institute. Among recent workers here is Dr. Bruno Mendel, formerly of Germany, who is investigating some of the biochemical problems of cancer.

In the department of paediatrics in the Sick Children's Hospital there was opened in January 1937 a division called Psychological Medicine. At its inauguration Dr. Edwards Park, professor of paediatrics at Johns Hopkins University and Dr. Leo Kanner. associate professor of psychology in the same university, gave addresses in which they related their experiences in the clinic at Johns Hopkins. This new clinic in Toronto breaks new ground in Canada. It will be devoted to the study of the problems involved in the mental development and adjustment of the child—a most important phase of child welfare.

It is significant that preventive medicine is becoming more and more a major subject in the medical curriculum. In all 164 medical men from all parts of Canada and abroad have taken our diploma of public health. We are thus training in our School of Hygiene the leaders of public health throughout the Dominion. Important studies on nutrition in relation to health are being conducted by Dr. McHenry in the department of hygiene.

Faculty of Applied Science and Engineering

An increasing attendance indicates improvement in the general conditions of Canada. Since the foundation sixty years ago of the School of Practical Science, now merged into the Faculty of Applied Science and Engineering. 4425 have graduated. and of these probably 4000 are still living.

The department of mechanical engineering needs an addition to its building, to provide space for the better teaching of hydraulic engineering. But additional accommodation is specially needed for chemical engineering. A new unit should be erected—probably immediately adjoining the present Chemical Building (some day I trust to be enlarged). Meanwhile additional and much needed equipment has been provided both for mechanical and chemical engineering. This equipment can easily be removed to larger quarters. when such are provided.

Internal rearrangements have been made in the Mining Building to give accommodation to Professors Langford and Peacock in geology and mineralogy.

A new course has been established. called "Mining Geology". It is designed to train geologists to co-operate with mining engineers in the mineral industry.

It appears that more civil engineers will be needed to meet the country's requirements in the immediate future.

In the School of Architecture there is an expansion of the course in housing and town-planning. A new course for sanitary engineers is being provided by the co-operation of the Faculty of Engineering. the School of Hygiene. the department of biology and the Provincial Department of Health.

This year's graduating class of 138 was promptly absorbed in employment.

The School of Graduate Studies

The special contribution which this University can make to advanced studies in Canada is in this field. I think that we shall be increasingly called upon to develop postgraduate instruction and to provide the laboratories and libraries needed for it. In addition to junior demonstratorships we should have many more fellowship than we have.

Through a generous benefaction under the will of the late Colonel R. W. Leonard we have been able to establish six new fellowships of the value of $500 each. Such fellowships make it possible not only for many able students to pursue higher studies. but also for students from various parts of Canada to come to a great centre of research in their own country.

The number of students registered this year in the Graduate School is 637: of these 472 come from Ontario, 302 from Toronto. and elsewhere in the Province 170. Fifty institutions are represented in the list of colleges from which these graduate students come.

The excellence of the postgraduate work of a university largely determines its rank among the chief universities of the world.

FACULTY OF FORESTRY

Once more there is an upward trend in attendance. The demand for well-trained foresters will increase. Of the seven men who graduated this year, each had at least two offers.

The forest problems is one of Canada's major problems. Only our Governments can give an adaquate lead to its solution. We have no illimitable forest resources. No material resources can be without limit; fire and folly have already limited our timber supplies.

In co-operation with the department of biology, a course has been carried on for fish and game preservation; and a short intensive course has been given in the measuring and culling of sawlogs and pulpwood, as practised by the Department of Lands and Forests.

FACULTY OF DENTISTRY

There have been notable developments in dental research. It is hoped that the memories of the late Deans Webster and Seccombe will be perpetuated by the establishment of research scholarships or fellowships.

UNIVERSITY EXTENSION

The modern university does not stand apart from the community and its clamant needs. It seeks to distribute its intellectual treasures as widely as possible among those who wish to possess them.

The department of extension provides the teachers' course, leading to a degree. In winter 653 were enrolled in classes conducted by regular members of the staff in the late afternoon and evening, and 542 attended the summer course. Evening tutorial classes were attended by 3725 adults. The total number of students who took continuous courses throughout the session was 7622. There has been for the last 17 years a gradual increase in this group. Extension lectures have been attended by 33,597 persons.

To the staff in physiotherapy as chief instructor Miss Rebecca Shilton, of the Swedish Institute, Cromwell Road, London, has been added. It is necessary to have an instructor with a certificate from the Chartered Society of Massage and Remedial Gymnastics in London, in order that our graduates may be given full recognition if and when they go to England for postgraduate study.

SOCIAL SCIENCE

Professor Urwick retires from the acting headship of this department and will be succeeded by Professor Grauer, who has been his colleague both in economics and social science. There should be much research work done in the social sciences in studying the relationships which enable men to live happily and helpfully together. Research applies not only to the physical sciences, but also to the social. We must advance along this line. No other university in Canada has a department of social science for the training of social workers; that is a task we must perform. But to the training of practical workers should be added the investigation of social problems. "A great and effectual door is opened" to us in this field. I hope that some day we may be able to add to our staff a research professor or lecturer, and so build on the good foundation already laid.

SCHOOL OF NURSING AND ST. GEORGE'S SCHOOL

The grants to these departments from the Rockefeller Foundation begin to diminish next year. Committees of the Board have been appointed to study the situation thereby created and report to the Board.

The Press

Under Mr. Gordon Burns as acting manager, there has been much internal improvement in the building, and new equipment in the way of type, press, and binding machine has been purchased. This makes it possible for the Press to do more work and more satisfactory work both in the division of job-printing and in that of publishing books, periodicals, and studies.

The Museum

The detailed reports of the various directors are full of interest. The total attendance for the year ending 30th June 1937 was 289,428. It is being increasingly regarded as the Museum of the whole Province.

The Library

The congestion in our stack-room steadily increases. We need more room and more books, especially for graduate students. The total number of books in the library is 339,261 and of pamphlits 121,909—a total of 471,170.

The number of books used by undergraduates has increased from 330,579 in 1935-6 to 341,086 in 1936-7—an increase of three per cent.

The total circulation for staff, graduates and undergraduates has in the past ten years grown from 179,278 to 380,523.

The Health Service

Dr. George Porter states that out of 2097 men students examined, only 22 were found unfit for physical training. This is the best record we have yet had. The average height of the first year students is 5 feet 9¼ inches, and the average weight 143¼ lbs.—another best record.

Dr. Edith Gordon's report on the health of the women students is satisfactory. Every physical test is applied to ensure an accurate diagnosis. The women are keenly looking forward to the erection of a women's gymnasium in the not distant future.

Athletics and Student Activities

The Senior Rugby Team won the championship in the intercollegiate series. The Queen's Team were worthy contestants to the very last.

The new athletic fee, asked for by the students themselves, will make possible their attendance in much larger numbers at the Stadium, and will provide not only for the opening of the Gymnasium at night, but for the development of further recreational sports.

The Students Administrative Council constantly widens it sphere of work. The employment bureau secured about 1200 positions for students during the past academic year. Its financial position is so satisfactory that it can give substantial help to such undergraduate organistations as the Band and the Orchestra, and can conduct a much-needed loan fund. I am grateful for the constant co-operation of the Council.

The C.O.C.T. under command of Colonel H. H. Madill, head of the School of Architecture, is up to full strength. In succession to General Cartwright, Major Barry Watson—veteran of the Great War, a well-trained military officer, and a consulting engineer—has been appointed to the chair of Military Studies. As Major Watson is second in command of the Officers Training Corps, a close connection will be maintained between the Corps and the Military Studies Department.

The Alumni Federation

Under the auspices of the Alumni, a home-coming dinner was held in honour of the venerable Chancellor, the Rt. Hon. Sir William Mulock. By Sir Edward

Beatty, Dr. Llewellys Barker. Mrs. W. A. Kirkwood and the president of the Alumni Federation, Dr. Deadman, greetings were presented to Sir William to which he fittingly replied. Then followed greetings by wireless from the British Postmaster-General. Rt. Hon. G. C. Tryon; Mr. W. G. Swan of Vancouver; Mrs. R. F. McWilliams of Winnipeg and Dr. Carleton Stanley, President of Dalhousie University, Halifax. On the Sunday following a special sermon was preached in Convocation Hall by the Rev. Hugh T. Kerr of Pittsburgh, one of our most distinguished graduates in the United States, who later in the year received our honorary degree of LL.D.

It is important that the University keep in touch with the Alumni throughout the country. This can best be done by organising and maintaining branches of the Alumni Federation in all the chief centres of population. During the year I have addressed these branches in Owen Sound, Hamilton. Oshawa. Rochester. N.Y.. Buffalo. and New York. For three weeks in April and May I visited and addressed our graduates in Winnipeg. Saskatoon. Edmonton. Vancouver. Victoria. Calgary, Regina, Fort William and Port Arthur. Our Alumni are keen to hear about the progress of their *Alma Mater*. Such visits help towards the mutual understanding of East and West in Canada.

Under the Secretary, Mr. Byron Wood, the general appearance and interest of the *University Monthly* have been well maintained, and fresh associations are being formed.

Visiting Lecturers

During the year the following special lectures were delivered:

On the Alexander Foundation a course of three lectures by Professor D. Nichol Smith, Merton Professor of English Literature, University of Oxford. on "Eighteenth Century Literature: Pope, Johnson, Burns and Thomson": a lecture by Mr. W. Arnold-Forster, technical adviser to the National Peace Council. London. on "Collective Security from the European and American Standpoints: the Principle of Sanctions"; a lecture by Professor K. Conant of the department of fine arts, Harvard University. on "Cluny"; a lecture by Professor Ernest Cohen, University of Utrecht, Holland. on "A new allotropic form of ice—metastable at atmospheric pressure"; two lecures by Dr. D'Arcy Thompson. professor of zoology, St. Andrew's University, Scotland. on "The Anatomist and the Engineer", and "The Forms of the Least and Simplest Organisms"; a lecture by Lt.-Col. E. L. M. Burns, Director of Geographical Section. General Staff, Department of National Defence. Ottawa, on "Aerial Photographic Surveying"; four lectures by Dr. Ernes A. Hodgson, Seismologist, Dominion Observatory. Ottawa, on "Earthquakes"; a lecture by Dr. Gerhard Herzberg, professor of chemical physics. University of Saskatchewan, on "Spectra"; a lecture by Professor F. Baldensperger, formerly professor of comparative literature at the Sorbonne, now at Harvard University, on "La Crise du Roman; Balzac ou Proust"; a lecture by Dr. R. H. Manske, National Research Council. Ottawa. on "The Alkaloids of Fumariaceous Plants"; a lecture by Dr. Morris Fishbein, editor of American Medical Association Journal, on "Foods, Fads and Fables"; two lectures by Mr. Brian Cook on "The British Throne" and "The Face of Britain"; two lectures by Dr. Herman O. L. Fischer. professor of organic chemistry at University of Basle. Switzerland on "Organic Synthesis and Alcoholic Fermentation". and "Constitution and Configuration of China acid and similar plant acids"; a lecture by Mr. Edward Bradby, International Student Service. Geneva, Switzerland, on "Student and Youth Movements of Europe"; a lecture by Professor D. H. McLaughlin, mining geologist of Harvard University, on "The Relation of certain ore deposits to folded rocks"; a lecture by Professor E. S. Bastin, head of geological department, University of Chicago, on "Genesis of the Lead and Zinc Ores of the Mississippi Valley"; a lecture by Professor W. J. Mead. head of geological department, Massachusetts Institue of Technology, on "Some Features of Structural Geology with Special reference to the strain ellipsoid"; a lecture by Professor H. Henel. Department of German, Queen's University. on "Interpretation of Goethe's Faust"; a lecture by Dr. T. D. Campbell, Superintendent of the Dental Faculty. University of Adelaide.

Australia, on "The Australian Aboriginals"; two lectures by Professor M. S. Vallarta, Massachusetts Insitute of Technology, on "Theory of Periodic and Asymptotic Orbits in the Earth's Dipole Field", and "Determination of Asymptotic and Shadow Orbits by means of Bush's Differential Analyser"; the Donald C. Balfour Lecture in Surgery by Sir, James Walton, London Hospital Surgeon, on "The Treatment of Peptic Uulcer ", a lecture by Professor Leon Lemonnier on "The Social Significance of the characters of Zola's Germinal"; three lectures by Dr. T. Vijayaraghavan, University of Dacca, India, and visiting lecturer of the American Mathematical Society, on "Tests for the behaviour of infinite-series of constant terms", "The rate of increase of real solutions of algebraic differential equations", and "Tauberian Theorems"; a lecture by Dr. Hugo Bergmann, Rector of the University of Jerusalem, on "The scientific contribution of the Hebrew University of Jerusalem"; two lectures by Dr. F. Simon, head of the department of low temperature research in the Clarendon Laboratory, Oxford, England, on "Recent Developments in Low Temperature Work at Oxford", and "Application of Thermodynamics to the Explanation of the action of helium at low temperature".

In connection with the Department of Physics a conference was held in February at which lectures were delivered by:

Professor Niels Bohr, professor of theoretical physics, University of Copenhagen, Denmark, on "The General Problem of Measurements in atomic Theory", "Transmutations of Atomic Nuclei", and "Light and Life"; Dr. R. F. Bacher, Cornell University, on "Nuclear Moments"; Dr. J. Franck, Johns Hopkins University, on "Photosynthesis in Plants"; Professor J. H. VanVleck, Harvard University, on "The Influence of Dipole Coupling on Electric and Magnetic Susceptibilities"; Professor E. U. Condon, Princeton University, on "Mutual Interactions of Protons and Neutrons"; Professor A. J. Dempster, University of Chicago, on "The Masses of Some of the Heavy Elements"; Professor J. R. Roebuck, University of Wisconsin, on "The Determination of the Absolute Zero".

University College Department of English arranged an exchange with Professor J. H. Hanford, Western Reserve University, Cleveland, O., who lectured on "Milton, Chaucer and Spencer" and "Elizabethan Lyrics".

Professor A. S. P. Woodhouse lectured at Cornell University.

The following lectures were given in Convocation Hall under the auspices of the Royal Canadian Institute:

By Hon. Paul Leduc, Minister of Mines of the Province of Ontario, on "The Mining Industry in Ontario"; Dr. E. D. Merrill, Professor of Botany, Harvard University, on "Plants and Civilisation"; Dr. W. F. G. Swan, Director of the Bartol Research Foundation of the Franklin Institute, Swarthmore, P., on "Science and Common Sense"; Dr. Ernest A. Hodgson, Dominion Observatory, Ottawa, on "Earthquakes of Eastern Canada and Adjacent Areas"; Mr. Ellsworth Jaeger, Chairman of Education and member of Board of Managers, Buffalo Museum of Science, on "Indians of the South West"; Professor D'Arcy W. Thompson, University of St. Andrew's Scotland, on "Science and the Classics"; Dr. Wilmer Souder, National Bureau of Standards, Washington, D.C., on "Scientific Crime Detection"; Professor B. deF. Bayly, University of Toronto, on "Radio"; Professor D. H. McLaughlin, Harvard University, on "Gold Deposits of Australia and North America"; Mr. W. J. Hodge, Acoustical Engineer of the Johns-Manville Co., New York, on "The Science of Sound"; Dr. William L. Finley, American Nature Association, on "Woods, Waters and Wild Life"; Professor G. F. Marrian, University of Toronto, on "Hormones—The Chemical Regulators of the Animal Body"; Dr. Harold C. Bryant, National Park Sercive, Washington, D.C., on "The National Parks of the United States"; Professor T. R. Loudon, University of Toronto, on "Aviation"; Dr. W. T. M. Forbes, Department of Entomology, Cornell University, on "Butterfly Geography"; Dr. Colin G. Fink, Department of Electrochemistry, Columbia University, on "Products of Electrochemistry"; Dr. Roy W. Miner, American Museum of Natural History, New York, on "Diving in Coral Gardens"; Professor W. H. Martin, University of Toronto, on "The Scattering of

Light"; Principal R. C. Wallace, Queen's University, on "The Scientific Man in Public Affairs"; Dr. Edward Sapir, Professor of Anthropology, Yale University, on "The Science of Man".

Learned Societies

The following Learned Societies met at the University:

The American Association of Anatomists; The Royal Society of Canada; The Canadian Adult Education Association.

Conference of Administrative Officers

A Business Officers Conference or representatives from the Universities of Ontario was held in February and was such a success that it has been decided to continue it annually.

Special Convocations

Special Convocations were held: On October 10th, 1936, on the occasion of the celebration by Victoria University of the one hundredth anniversary of the granting of the Royal Charter by His Majesty King William IV, when honorary LL.D. degrees were conferred by the University of Toronto, upon The Right Reverend Charles Wesley Flint, Bishop of the Methodist Episcopal Church, North, and formerly Chancellor of Syracuse University; Mr. William Edward Rundle, formerly Treasurer of Victoria University, and a Governor of the University of Toronto; Dr. Arthur Melville Scott, formerly Superintendent of Secondary Schools, Calgary, Alberta; Mr. James Russell Lovett Starr, Chairman of the Board of Regents of Victoria University and a Senator of the University of Toronto.

At the same Convocation Victoria University conferred the following honorary degrees of Doctor of Divinity upon His Excellency the Right Honourable Baron Tweedsmuir, Governor-General of Canada; The Right Rev. Peter Bryce, Moderator of the United Church; The Right Rev. Malcolm Arthur Campbell, Moderator of the Presbyterian Church; The Rev. Provost Francis Herbert Cosgrave, University of Trinity College; The Rev. Howard Primrose Whidden, Chancellor of McMaster University.

On June 9th, when the following honorary degrees were conferred: Doctor of Laws upon Mr. Walter Seymour Allward, Sculptor; Dr. Oliver R. Avison, Medical Missionary; Mr. Lawrence Johnston Burpee, President, Royal Society of Canada; Mr. Robert Hamilton Coats, Dominion Statistician; The Hon. Henry Hague Davis, Judge of the Supreme Court of Canada; The Rev. Hugh Thomson Kerr, Minister, Shadyside Presbyterian Church, Pittsburgh, Pa.; Mr. Duncan McArthur, Deputy Minister of Education of Ontario; Mr. Michael Alexander Mackenzie, Emeritus Professor of the University of Toronto; the degree of Doctor of Science upon Mr. Arthur Jeffrey Dempster, Professor of Physics of the University of Chicago; the degree of Doctor of Engineering upon Mr. Andrew Harkness, Consulting Engineer.

Benefactions

During the year the University has received the following benefactions, totalling $190,311.41:

From the estate of the late Reuben Wells Leonard, $79,341.41: Rockefeller Foundation: Child Research and Parent Education, $20,017.23, School of Nursing, $17,499.76, Alberta Social Credit Survey, $500.00; Eaton Endowment, $25,000; Ontario Mining Association Grant for research in silicosis, $10,000: Carnegie Corporation: Fine Art, $7,389.25, Workers' Educational Association, $1,997.50;

A. C. Ransom Fund, Applied Science, $5,000; Reuben Wells Leonard Fellowship and Scholarships, $3,700; J. S. McLean Fellowship, $2,500; Flavelle-Peacock Lectureship: Sir Joseph Flavelle, $1,250, Sir Edward Peacock, 1,250; Lindsley Fellowship, Geophysics, $1,600; Graduate Fellowships: Sir Joseph Flavelle, $500, Imperial Oil Limited, $500, Estate of late Sir Edward Kemp, $500; Canadian National Committee for Mental Hygiene, Psychiatry, $1,273.14; Pakenham Memorial Prize, $1,025; H. R. Bain Matriculation Scholarship $1,000; D. A. Dunlap Memorial Scholarships, $1,000; J. W. L. Forster Library Fund, Fine Art, $1,000; Standard Brands Research Fund, Chemistry: $784.75; Sir Edmund Walker Scholarship, $450; Medical Society Bursary $400; University College Alumni Matriculation Scholarships $400; Gertrud Davis Exchange Fellowship, $400; Robert Bruce Scholarship, $394.15; Robert Simpson Company Scholarships, $350; S. R. Parsons Scholarship, Commerce and Finance, $250; J. B. Wilmott Scholarships in Dentistry, $250; Robert A. Bryce, Esq., U.T.S.-Engineering Scholarship, $250; Canadian Dental Association Research Fund, $200; Professor E. J. Urwick, Social Science Bursaries, $200; Ontario Association of Architects Scholarships, $200; Boiler Inspection and Insurance Company Scholarship, Mechanical Engineering, $150; Pan Hellenic Association Prizes, $150; George Kennedy Scholarship, 130.56; Sarah Kennedy Scholarship, $130.56; J. A. Findlay Scholarship, Mechanical Engineering, $120; Sir John Eaton Memorial Scholarship, University Schools, $120; University College Alumnae Scholarship $100; Maurice Hutton Matriculation Scholarship, $100; Darling and Pearson Prizes in Architecture, $100; Toronto Brick Co. Prizes, Architecture, $100; Hon. Charles McCrea for Dent McCrea Scholarship, $100; University Tours Association Scholarship, $100; St. Margaret's College Alumnae Scholarship, $75; Ramsay Wright Scholarship, $54.30; Toronto Women's League of the United Synagogue Scholarship, Medicine, $50; Hollywood Theatre Prizes in French, $50; Dr. R. A. Reeve Prize in Medicine, $50; F. W. Jarvis Bursaries, $50; T. M. Porter bequest, $33.90; Lambda Chi Alpha Alumni of Toronto for Ronald S. Saddington Medal, Pathology, $26.75; Hon. Dr. J. A. Faulkner for Faulkner Medal, 26.63; Engineering Institute of Canada Prize, $25; Ontario Medical Association Prize, $25; American Society of Heating and Ventilating Engineers, $25; Canadian Medical Institute Prize, $25; Alumnae Prize in English, $10; Maurice Cody Memorial Scholarship, University Schools, $10; Professor G. O. Smith for Fletcher-Johnson Prize, $10; Sundry small items, $27.49.

In addition to the above the University Library has received books and pamphlets on Mexico from Mr. J. H. Cornyn, a graduate of University College 1893, now of Mexico City.

The Johnson Matthey Company of Canada presented a valuable piece of silver apparatus to the Department of Chemistry.

Our Needs

As long as a university is alive it will have needs. It will require not a diminishing but a slightly increasing regular income if it is to hold its place in the educational service of the country.

May I summarise a few of our present requirements:

A gymnasium for the women of the University
A substantial addition to the Chemistry Building
New accommodation for Chemical Engineering
An addition to the accommodation for Mechanical Engineering
Two more storeys on the Banting Institute, for Medical Research
A development of research in Social Science
A development of courses in Public Administration
A development of courses in Business Administration
Fellowships in the School of Graduate Studies
More Scholarships in course in the various Faculties
and More space and more books for our Central Library.

CONCLUSION

To the members of the staff, to the administrative officers, to the friends and alumni who have from time to time given the University goodwill and substantial help, to the loyal and self-disciplined body of students, to the Chairman and members of the board of Governors, who have advised and cheered me on so many occasions, and to the Government of the Province, which has largely provided for our financial necessities, I offer my sincere thanks.

All of which is respectfully submitted.

H. J. CODY
President

November 25th, 1937

APPENDIX A

(1) Report of the Dean of the Faculty of Arts.
(2) Report of the Principal of University College.
(3) Report of the Dean of the Faculty of Medicine.
(4) Report of the Dean of the Faculty of Applied Science and Engineering.
(5) Report of the Dean of the Ontario College of Education
(6) Report of the Secretary of the Faculty of Household Science
(7) Report of the Dean of the Faculty of Forestry
(8) Report of the Dean of the Faculty of Music.
(9) Report of the Dean of the School of Graduate Studies.
(10) Report of the Dean of the Faculty of Dentistry.
(11) Report of the Director of the School of Hygiene.
(12) Report of the Librarian.
(13) Report on Research.
(14) Publications.
(15) Report of the Director of University Extension and Publicity.
(16) Report of the Director of the Department of Social Science.
(17) Report of the Director of the School of Nursing.
(18) Report of the Director of the Department of Military Studies.
(19) Report on Health Services.
(20) Report of the Warden of Hart House.
(21) Report of the Director of the Connaught Laboratories.
(22) Statement regarding the Museum of Archaeology.
(23) Statement regarding the Museum of Biology.
(24) Statement regarding the Museum of Geology.
(25) Statement regarding the Museum of Mineralogy.
(26) Statement regarding the Museum of Palaeontology.
(27) Statement regarding the educational work of the Royal Ontario Museum.
(28) Report of the Director of the David Dunlap Observatory.

(1) REPORT OF THE DEAN OF THE FACULTY OF ARTS

(Professor Samuel Beatty, M.A., Ph.D.)

The academic year 1936-37 was the first in which geography appeared in the Arts calendar as an optional subject in the pass and general courses, although Professor Griffith Taylor joined the staff one year earlier and organised and conducted instruction during the session 1935-36. Judging from the fact that more than two hundred students selected geography as an optional subject in 1936-37, it is safe to conclude that it is ministering to a need felt by many. Fine art, which was introduced as a subject of instruction two years ago, was also chosen as an optional subject by a large number of students in the pass and general courses. The first year of the honour course in fine art was taken by about a dozen students. A new honour course in music will open with first year classes in 1937-38. One part in three will deal with the theory and practice of music, while the remaining two parts will be made up of cultural subjects, with a fairly wide range of options.

At the time when the pass course was cut down to three years, due to the adoption of higher entrance requirements, the practice of transferring certain types of failure in honour courses to the next higher year of the pass course was discontinued. In the long run, this was felt to be a hardship, particularly in the case of first year honour students, account having been taken of the fact that the various honour courses are all more difficult than the pass course and have associated with them more exacting conditions for obtaining standing. Consequently, at the annual examinations of 1937, something like a return to the original practice was followed. A student failing in the first year of an honour course but yet obtaining an average of at least 50% on his honour subjects was recommended for transfer to the second year of the pass course, while a student failing in the second or third year of an honour course with however an average of at least 55% on the honour subjects of his course was granted the right of petition to be allowed to transfer to the third or fourth year of the general course. It is hoped that this adjustment will work to the advantage of each of the courses involved and to the students in them.

The staff is becoming, in a very real sense, a group of experts, each in his own particular field. This can be accounted for by the care exercised in making appointments and promotions and by the fact that the numerical increase in the staff has made it possible for the individual members to specialise in their particular interests. As may be expected, the quantity and value of new material published annually by the staff is steadily increasing. There is always a tendency to increase the content and complexity of courses and to grow less and less aware of the difficulties of students. The balance of preoccupation of the staff may even shift slightly towards the lecture and laboratory material and away from the human material in the class room. If we are to continue to progress, much that was once given as graduate work will come to be regarded as suitable for undergraduates. Nevertheless, the result of this development over a period of years may be that at the end the extent and difficulty of courses may be such that even the best students cannot find time to form their own opinions as to the source and role of many of the ideas set forth. If and when the staff finds this condition existing, it can be trusted to know how to deal with it.

(2) REPORT OF THE PRINCIPAL OF UNIVERSITY COLLEGE

(Professor M. W. Wallace, M.A., Ph.D.)

I have the honour to submit my annual report as Principal of the College.

Serious illness has deprived us of the services of two of the senior members of our staff throughout the session Professor W. R. Taylor, head of the department of Oriental Languages, and Professor G. Oswald Smith, professor of Latin. I am glad to be able to report that they are both much improved in health, and that they are both looking forward to resuming their duties at the beginning of next session.

Professor Barker Fairley rejoined our staff in September last as head of the department of German after an absence of five years during which he was professor of German in the University of Manchester. I regret exceedingly to record the fact that Professor H. J. Davis has resigned from the department of English to accept a chair in Cornell University. Professor Davis, a graduate of Oxford, came to us from Leeds University in 1922, and for fifteen years has been a great source of strength to the college. Widely known in the learned world for his scholarly studies of Swift, he was one of our most effective teachers of literature, a living refutation of the assumption that scholarship and publication on the one hand are incompatible with a thorough devotion to undergraduate needs. Besides his other great gifts to the college we are indebted to him for Gertrud Davis Fellowship which enables us annually to send a young graduate to Germany for a year's study. Professor Davis' resignation is a sad blow, but Toronto salaries are so modest in comparison to those paid by the larger American universities that we can only hope that similar blows will not fall too fast upon us. We are much pleased to have Professor E. K. Brown rejoin our staff after an absence of two years as head of the department of English in the University of Manitoba.

It is always a pleasant duty to record the benefactions of graduates and other friends of the college, and only rarely have they been on a more munificent scale than those of the present year. The chief of these gifts are as follows:

(*a*) A Travelling Fellowship, the gift of Mr. J. S. McLean, a graduate of University College in 1896. The fellowship is of the value of 1,250 and may be held for a second year if the holder submits satisfactory evidence of progress in his work. Mr. McLean has guaranteed the fellowship for a period of four years, that is, he has become responsible for a gift to the college of $10,000. The fellowship is open to all members of the graduating class, and designed to enable the student to whom it is awarded to pursue his studies for two years in a British or Continental University. Exceptionally it may be held by a student who wishes to do graduate work in an American or Canadian University. It is unnecessary to point out the great significance to the intellectual life of the college of this magnificent gift.

(b) A matriculation scholarship of the annual value of $250, the gift of Mr. Percy Hermant, father of Sydney Hermant who graduated in 1935 and who was president of the Literary and Athletic Society during his senior year. The scholarship will be awarded for general proficiency and carries free tuition in each year of the undergraduate course provided the winner maintains his standing in first class honours. It is one of the most valuable in the college, and is another indication of the loyalty of our graduates to their *Alma Mater*.

(*c*) Two scholarships of $125 each, to be awarded in each of the next five academic years, and to be known as the B'nai B'rith scholarships. These scholarships are the gift of the Toronto B'nai B'rith through the president of their Executive Committee, Mr. H. P. Green, and will be awarded on the results of the first year examinations in social and philosophical studies and the second year examinations in mathematics and physics. It is very gratifying to have received this unsolicited gift as a testimony of the continued interest of our Jewish graduates in their college.

(*d*) The renewal for a third year of the prize of $50 in oral French. This prize is the gift of the Hollywood Theatre through its manager, Mr. Raymond Allen, a former student of the college.

(e) The redecorating and refurnishing of the Women's Common Room in University College by the Alumnae Association at a cost of some $650. This is only the last of many substantial annual gifts which our women graduates have made to the college.

(f) A beautiful framed painting, "Passing Clouds" by David B. Milne, the gift of an undergraduate of the college who wishes to remain anonymous. The painting has been hung in the East Hall Reading Room.

An unusual large number of fellowships in other universities have been won by members of the graduating class. Mr. J. K. Macalister has been awarded a Rhodes Scholarship the fourth year in succession during which this honour has come to University College. Miss M. J. Sinden has won the J. S. McLean Fellowship, Mr. Henry Noyes, B.A. the Daughters of the Empire Oversea Scholarship, Mr. W. K. Bryden the Edward Kylie Award, Mr. E. H. Yarrill the R. W. Leonard Fellowship and Mr. S. F. MacDonald, B.A. the Gertrud Davis Exchange Fellowship In addition an unusually large number of the graduating class secured fellowships in American universities.

A very great honour came to the college a few months ago when the Alumnae Dramatic Club received the second award at Ottawa in the all-Canada Drama Festival which is held under the patronage of the Governor General. The successful play was *The Cradle Song* and Edgar Stone acted as director.

The Alexander Lectures were delivered before large audiences in Hart House Theatre by Nicol Smith, professor of English literature in the University of Oxford. His subject was *Some Observations on Eighteenth Century Poetry*. The lectures will be published in the near future by the University Press. Next year we hope to welcome President Carelton Stanley of Dalhousie University as Alexander Lecturer.

A course of public lectures was delivered during the Michaelmas term on the following subjects: *The Mediaeval Mind* by Professor G. B. Phelan of St. Michael's College; *Mediaeval Art, by* Dr. P. Brieger; *The Breton Romances of Mediaeval France, by* Professor H. L. Humphreys; *Chaucer, by* Dr. A. E. Birney: *Ariosto and the Renaissance*, by Professor E. Goggio; *Mediaeval Music*, by Professor Robert Finch: and *Cervantes*, by Professor J. Cano.

Last year we inaugurated a series of informal exchange lectures with other universities when Professor DeVane, head of the department of English in Cornell University spent several days with us, and Professor Davis spent a corresponding period at Cornell. This year we received visits from Professor Hanford, professor of English in Western Reserve University, and Professor Hänel, professor of German in Queen's. Return visits were paid by Professor Woodhouse and Professor Fairley of our own staff. The plan is working successfully and we hope to continue it and to extend its scope.

At the recent great *Congres de la langue francais* held in Quebec, Professor Jeanneret head of the department of French, was given the degree of *Docteur-es-lettres, honoris causa* by Laval University.

For many years in the earlier history of the college it was the practice to open the session with a formal Convocation. This year we have revived the practice, and on the night before the actual beginning of the term both undergraduates and staff as well as many graduates assembled in Convocation Hall. Brief speeches were made by the President and Principal, and a formal address by the Right Honourable Arthur Meighen, a graduate of the class of 1896, on the European Political Situation.

(3) REPORT OF THE DEAN OF THE FACULTY OF MEDICINE

(*Professor W. E. Gallie, M.D., F.R.C.S.*)

The annual report of the Dean of the Faculty of Medicine is written each year in order that the President, the Board of Governors and the graduates may be kept aware of all the important activities of the Faculty during the previous twelve months. It contains, therefore, references to the more important enactments of the Faculty Council, an account of any changes that may be taking place in the laboratories and hospitals, any news items that might prove of general interest and the reports of the various academic departments.

The first meeting of the Faculty Council saw the installation of the new dean, Doctor W. E. Gallie, professor of surgery. He was introduced by the President who requested for him the general support of the Council. At this same meeting, a resolution of warm appreciation of the services of the retiring dean, Professor

J. G. FitzGerald, was adopted. Since his retirement from the deanship, Dr. FitzGerald has been on leave of absence from the University and has been making an extensive survey for the Rockefeller Foundation of the methods of teaching preventive medicine in the medical schools of the United States, Canada, the British Isles and Europe. Upon the completion of this work he will return to take up again his duties as director of the School of Hygiene and the Connaught Laboratories.

The most important enactment of the Faculty Council has been the raising of the conditions for academic standing at the end of the first year. It has long been felt that students who are unsuited to the long and arduous training required by modern medicine should be dropped from the course at the earliest possible moment and given an opportunity to select, before it is too late, some other vocation in which they might be more likely to be successful. With this in mind the curriculum in the first year, which corresponds to a premedical year in other schools, was changed to consist of a first group composed of French or German, a second composed of biology, chemistry and physics and a third composed of history of science and civilisation. To obtain standing at the end of the year, the student must obtain at least fifty percent in each subject and an average of sixty percent in the group composed of biology, chemistry and physics. As a result of the raising of the standards in the first year, it is hoped that the weak students will be detected at once and started in other directions.

As the selection of the students who are to be allowed to go into the second year and start the study of physiology and anatomy is a matter of great importance and as some members of the Faculty Council feel that perhaps a student's ability to pass an examination in premedical subjects should not be the sole guide in deciding whether he is likely to get through the medical course successfully, it has been decided to submit all freshmen, before the end of the first year, to the aptitude test which is used by the Association of American Medical Colleges. This consists of a written examination in which a very large number of questions are asked which are designed to discover whether the students have those qualities which would enable them to face a rigorous six year course, to become good doctors afterwards and to occupy that place in the life of the country which a medical degree from this University suggests that they should occupy.

Another enactment of great importance was the appointment of a committee to study the curriculum and to report to the Faculty whatever changes might be considered beneficial. This committee has spent the past year considering the curriculum of the first, second and third years. Their report indicated that they believed that the timetable was too full and that matters might be improved by a general reduction by each of the departments of the number of hours prescribed in the calendar for laboratories and lectures. The Faculty adopted this report and during the summer the various departments will try to work out a reduction of the number of compulsory hours.

The discussion which attended the presentation of this report indicated that there was no unanimity in regard to it and that one department at least, namely, that of anatomy, was strongly opposed to a reduction of the number of hours devoted to that subject, on the grounds that it would be impossible for the average student to acquire an adequate knowledge of human anatomy if there were a radical reduction of hours. This matter is now being considered by the department and a solution will probably be found.

Reference was made last year to certain experiments in teaching which were being tried in the department of surgery, designed to make the courst more practical. This department has been dissatisfied with the use hitherto made of the time at its disposal, particularly in the sixth year, and has been seeking ways of inducing the students to occupy less the position of onlookers and more that of participants in the daily work of the hospital. A decided improvement has been made by greatly increasing the routine duties of each student. Thus he is now responsible for all the hospital records; he is required to assist at operations on his own patients; he must take part in the daily work in the outpatient department and he must attend all emergencies occurring at night. The result has been that the students have really become assistants to the interns and are taking advantage of the excellent clinical opportunities that are afforded them.

A similar improvement has been made in obstetrics by completing all didactic instruction in the fourth and fifth years and leaving the whole of the time in the final year to practical work. This means that each student has greatly increased opportunity to work in the antenatal clinics, to see and assist at confinements and to follow the subsequent progress of mother and babe. This has been perhaps the most outstanding improvement in teaching that we have to report this year and nullifies the criticism we have had to accept for so long that our teaching of practical obstetrics was weak.

The plan of accepting volunteer students to serve in the summer months which was adopted a year ago by the departments of surgery and obstetrics and gynaecology has proved very successful. It has two distinct advantages in that it gives those students who are able to attend hospital in the summer a wonderful opportunity for clinical work and it reduces the number of students in the regular classes during the rest of the year. At the end of the summer, the clinical examinations are held and if the student is successful he is given full credit for his work and is required to face no further examinations except the written final examination in the spring. During the period of ten weeks when, under normal circumstances, he would be taking the subject he elected to take in the summer, he is detailed to some special service such as neurosurgery, urology, the surgery of childhood or some branch of medicine orpaediatrics if it can be arranged. The whole idea has proved very satisfactory and is popular with the students who have been able to take advantage of the opportunity.

In the reports of the various departments will be found reference to the many important researches which are being conducted. I must refer particularly, however, to several of these that are now approaching completion and which gives promise of far-reaching clinical results.

Six years ago, Professor Best began to study the possibility of using the newly discovered extract of liver, "heparin", which was known to delay the clotting of blood, in the prevention of thrombosis. As this is a matter which interests surgeons as much as physiologists, Professor Best suggested that the department of surgery join the department of physiology in the study. For several years, therefore, Professor Best and his associates and Dr. Gordon Murray and others in the department of surgery have been working steadily towards an answer to the question as to whether the administration of heparin could be expected to prevent thrombosis and also the more serious complication, embolism of the pulmonary artery. The experiments on animals are now complete and the first papers have been published. They show that, as far as animals are concerned, thrombosis in damaged arteries and veins can be prevented by the local heparinisation of the area by means of a solution of heparin introduced into the vein or artery through a fine needle. They also show that as a result of the continuous intravenous injection of a solution of heparin, the clotting-time of the general blood stream can be greatly lengthened and the tendency to thrombosis in damaged blood-vessels correspondingly reduced.

Before administering this extract to patients, years of research had to be carried out in the Connaught Laboratories to ensure the purity of the product and to eliminate all possibility of harmful reactions. This has been accomplished with complete success and the drug has now been administered to over one hundred patients without deleterious effect and with what seems to be promising results as far as thrombosis is concerned. A hundred patients are, of course, too few to allow one to draw sweeping conclusions but it will not be long before a thousand cases will be available for review and if these resemble the first hundred a most important step forward will have been made.

The funds for this long and expensive research have come from the University through the Connaught Laboratories and the department of physiology, from the

Banting Foundation, and more recently, from generous contributions to the department of surgery made by Mr. J. S. McLean and Canada Packers, Limited.

On June 15th, what may prove to be an epoch-making paper was read before the Academy of Medicine in Toronto by Mr. Denny and Doctor Robson of the McIntyre Porcupine Mine and Dr. D. A. Irwin of the department of medical research on silicosis. This paper was really a preliminary report of the results of experiments on animals conducted at the mine and of the Banting Institute under the direction of Sir Frederick Banting. designed to discover ways of controlling this serious industrial disease. The chief results of these experiments were first that it was established that the incidence of the disease bore a direct relationship to the amount of silica dissolved in the body fluids and second, that any measures that reduced the amount of silic taken into solution in the body correspondingly reduced the appearance of the disease. This led to an intensive search for means of preventing the solution of silica dust in the fluids of the air passages and resulted in the discovery that the simple expedient of throwing a small quantity of finely divided aluminum dust into the air with the silica made the latter practically insoluble. How it does is not yet known but it may have something to do with the known fact that the silicon atom carries a negative charge and the aluminum atom a positive charge of electricity. At any rate the experiments showed that whereas animals exposed to ordinary mine conditions such as obtain in stopping operations, developed silicosis, other animals exposed to similar silica-laden air, which, however, carried a small quantity of aluminum dust, did not.

This is the point at which the experiment now stands and the results have been considered so important that the whole of the resources of the department of medical research have been placed at the disposal of the silicosis workers and experiments on a very large scale have been undertaken by Sir Frederick Banting, Dr. Franks and Dr. Irwin in conjunction with the workers at the mine.

The importance of a solution of the problem of silicosis in our mines cannot be overestimated. In spite of intensive study all over the world, no real progress has been made in the past ten years. And now as a result of a couple of bright ideas and the will to investigate and because of the presence here in the midst of the mining industry of a first class department of medical research. it would seem that the problem is almost solved. The workers deserve the best wishes of all for continued good luck in their study.

The work at the Connaught Laboratories calls for special mention this year because of important modified preparations of Insulin which have recently been developed. About two years ago, Dr. H. C. Hagedorn and his associates of Copenhagen, Denmark, proposed the addition of protamine to preparation of Insulin. In clinical studies they showed that such a modified preparation of Insulin had the important advantage that its blood-sugar-lowering effect was more prolonged than that of the original Insulin and that the frequency of administration could. therefore, be reduced. To this Danish discovery has been added that of Dr. D. A. Scott at the Connaught Laboratories where it has been shown that the addition of a small amount of zinc to preparations of protamine and Insulin still further prolongs the effect of the hormone. Following intensive laboratory trials and co-operation with many hospitals and clinicians, a preparation of Insulin modified by the addition of protamine and zinc has been made available under the name of "Protamine Zinc Insulin". The use of his new preparation is indicated in many cases of diabetes mellitus which can be only inadequately controlled with unmodified Insulin.

In the report of the department of medicine, will be found the modest statement that "the investigation on the therapeutice value and physiological action of adrenal cortical extract has been continued and extended this year by Dr. Cleghorn and Mr. Armstrong. It is encouraging to report that a number of cases of Addison's Disease have been successfully treated by a highly potent nontoxic extract prepared in the Connaught Laboratories under the direction of Dr. McHenry". This statement indicates successful progress in an important research which has extended over years. If further clinical success attends the use of the extract a most important contribution to our defence against a hitherto incurable disease will have been made.

I am glad to be able to report an increasing tendency on the part of the various departments to cooperate with one another in research. Outstanding examples are seen in the "heparin" research conducted by the departments of physiology and surgery, a study of the nature of nerve impulses and muscle contraction conducted by Drs. Solandt. Smith and Botterell of the departments of physiology, anatomy and surgery, and the investigation which is occupying the attention of Professor Marrian of the department of biochemistry and Dr. M. C. Watson of the department of gynaecology and obstetrics on the female endocrines. Special attention is drawn to the increasing importance of the department of medical research. under the direction of Sir Frederick Banting. in aiding all other departments, and particularly the clinical. in the research problems which present themselves from time to time. At the present moment research workers in this department are associated with workers from the departments of medicine. surgery, psychiatry and paediatrics in problems which are primarily of clinical importance and the assistance which is being given to the advancement of these researches is inestimable.

Similar beneficial effects have resulted from the combination of departments in teaching and in general routine work. Examples are seen in the combination of physiology and surgery as represented by Drs. Solandt and Botterell in the teaching of neurophysiology, and of pathology. medicine and surgery in the neuropathological laboratory under Professor Linell. Dr. Hyland and Dr. K. G. McKenzie. Similar combinations in pathology. medicine and surgery and of physiology and medicine have been most helpful.

The re-organisation of the staff of the Western Hospital which has been pending for a long time was completed a year ago at the time of the opening of the important additions to the hospital plant. The new arrangement has been in action now throughout one complete session and from the standpoint of the Faculty of Medicine has been most satisfactory. Teaching has been carried on in medicine, surgery gynaecology and obstetrics and pathology throughout the year under the direction of Professors Detweiler, Duff, Wesley and Shanks respectively.

This year has been a sad one for the Faculty because of the death of our honored colleagues. Professor Oskar Klotz, Professor F. W. Marlow. Dr. A. J. Kilgour. Dr. J. E. Bates and Dr. M. M. Crawford.

Professor Klotz died on November third. 1936. in his fifty-ninth year. He will be remembered by his students as a most distinguished pathologist, a splendid teacher and a remarkable organiser. Professor Marlow died on October second, after a long fight with serious illness. He was a fine surgeon and an excellent teacher and a man who occupied a prominent place not only in his profession but also in the life of the city. Dr. Kilgour died at the age of forty-four years with what seemd to be a promising career in psychiatry before him. Dr. Bates was a young pathologist of attractive personality and his sudden death cast a gloom over the department. Dr. M. M. Crawford, chief coroner of Toronto and lecturer in medical jurisprudence was known and beloved by all.

This year saw a change in the arrangements for the Balfour Lecture. Hitherto it has been delivered on Lister Day, April 5th. As the limitation of the lecture to that date, however, made it impossible to have lecturers from the other side of the sea except on such rare occasions as a suitable lecturer might be visiting America at that time. the Faculty decided that from time to time the date might be changed so that our students might have the advantage of hearing distinguished surgeons from abroad. This year the lecture was deliverd on October sixteenth by Sir James Walton, surgeon to His Majesty, the King, and his subject was, "The Surgical Treatment of Peptic Ulcer", a subject which has made him famous. Sir James was listened to by a huge audience which delighted to welcome so distinguished a visitor from the old country. The plan of occasionally changing the date of the lecture has been approved by all.

The Faculty has heard with great satisfaction of the appointment of Professor William Boyd to the chair of pathology. This university is exceedingly fortunate in being able to secure so distinguished a pathologist and so great a teacher. He needs no introduction as every student who has graduated from any English-speaking medical school in the past ten years is familiar with his books. His coming to Toronto will probably mean the introduction here of the method of clinical pathological teaching which has become his chief interest. The Faculty bids him welcome.

The success of the short postgraduate courses which have recently been held in the autumn has been so great that they will be continued. Last year, courses were given in physiotherapy and abdominal surgery. This year, courses of one week each will be given in manipulative therapy, cardiovascular disease and fractures. Limited numbers of students are admitted to these courses and their whole time is occupied throughout the week. Students have expressed themselves as delighted with the plan of an intensive review of some special branch of work and are asking for continuation of the courses. The Faculty finds this contact with the graduates most enjoyable.

This year the assistant dean and secretary, Dr. E. S. Ryerson, is the President of the Association of American Medical Colleges and he will preside at the coming meeting in California. Professor C. H. Best spent the month of April as guest-lecturer at the Universities of California, Southern California and Leland Stanford. During the week of November fourteenth, the Dean occupied the position of Honorary Surgeon-in-Chief at the Hospital for Ruptured and Crippled in New York where he had been house-surgeon thirty years before.

(4) REPORT OF THE DEAN OF THE FACULTY OF APPLIED SCIENCE AND ENGINEERING

(*C. H. Mitchell, C.B., C.M.G., C.E., D.Eng.*)

The session now closing completes the sixtieth year of this Faculty, dating from the time when it commenced as the original School of Practical Science. After an independent period of nearly thirty years it developed into the Faculty of Applied Science and Engineering, by the University Act of 1906, and since that time has been an integral part of the University along with the other faculties, holding third place in order of seniority. The number of graduates who have gone out in the sixty years is 4,425, and it is computed that about 4,000 of these are living.

It is gratifying to report a highly successful academic year. The work of the staff and students alike has continued to be of a high standard and it is again noticeable that serious, diligent application on the part of the students has been maintained. If the earnestness exhibited by them the past several years is in part attributable to the prolonged depression, there may be said to be some compensatory result from our recent difficulties in this respect.

The upswing in numbers of students in attendance appears now to be set up again. As was noted in last year's Report, the incoming years have now definitely increased in size, the low spot having been between 1933 and 1935. The first year attendance in 1933 was 226; in 1934, 221; in 1935, 248, and in 1936, 282. The total attendances in all years for the same periods were 883, 795, 766, and 789. There is every likelihood, judged by the present statistics, that next year's total attendance will approximate the first of these figures, and thus bring the attendance back to the high pre-depression figures.

Again, however, we are confronted with the continued ill-proportioned distribution of attendance in the various departments composing the Faculty as a whole. As was reported last year, students still continue to crowd into mining and chemical engineering. In the former department the total number in the four years during the past session, was 160, of which 76 were in the first year; these are unprecedented, and in respect of attendance this department is now second in size in the Faculty. In Chemical engineering the total number was 228, of which 67 were in the first year, which is a slight decrease for that year. Again I must emphasise the great necessity for increased accomodation and facilities for instruction in chemical and mechanical engineering, and it is strongly hoped that in the forthcoming year steps will be taken to make this provision by the construction of the new building which has long been under consideration.

In other departments, such as mechanical and electrical, the numbers in attendance are again on the increase, but as yet the total numbers are not into line proportionate with their importance in the profession or sufficient to meet the demand for young engineers in the forthcoming years. This disproportion is most marked in the field of civil engineering, and, as was pointed out in last year's Report, the great falling off the past few years in attendance in this department is already making itself felt. While there was recently an increase in the junior years, there were only 56 students in this department this session. This is a poor prospect for the supply of civil engineers as a quota to the needs of returning construction activity of the country; indeed, there is already a marked deficiency of young men in this field of engineering, a scarcity which has manifested itself sooner than was anticipated. In the department of metallurgical engineering, a very considerable increase in students is notable, there having been a total of 58 the past session, a figure over double that of, say, four years ago.

This session has been noteworthy in the inauguration of several new courses and changes in the curriculum. The most outstanding of these is the establishment of a new graduating department within the Faculty to be known as mining geology, leading to the degree of Bachelor of Applied Science, as in other departments. This contemplates training of geologists to cooperate with mining engineers in the fast-growing mineral industry of the country. It is not an engineering course, but is essentially one in applied science designed to better fit graduates specialising in geological sciences to understand and appreciate the problems of mining engineers and others cooperating in the mining industry.

An expansion and rearrangement of the department of metallurgical engineering has also been brought about by forming within that department a division to deal with non-metallics as well. As this will include the former ceremics, which was introduced eleven years ago, the new division will be called "Ceramics and Non-Metallic Industrial Minerals", and will provide for four years as in the regular metallurgical course, thus replacing the present ceramics option of two year's duration. This broadened course is designed to meet the increasing importance of the non-metallic mineral industry, which is a newly developed branch closely related to metallurgical work. The University will thus keep abreast of these newer developments and by this change will actually take the lead in recognising them in Canada.

The school of architecture has again made progress in its academic work by the addition of several features to its curriculum. Expansion of its instruction in town planning and housing is now contemplated to meet the growing demands in these important phases of present-day life. Its staff, graduates and students have been particularly successful in winning various competitions and prizes during the year. It is unfortunate that the attendance has not yet progressed with other departments, but this was to be expected from the effects of the depression from which the architectural profession greatly suffered.

Attention may again be drawn to the increase in demand for graduates in the engineering and architectural professions. It is sufficient to state, in this respect, that nearly all of the graduating class of 138 going out at the end of the present session were absorbed in employment and there was a marked demand in civil, mining and metallurgical engineering, even a shortage. Graduates in mechanical, electrical, and chemical engineering found ready employment in the order named.

The University is fortunate in having such an energetic and loyal body of graduates as is evidenced by the activities of the Engineering Alumni Association, and by the interest taken by officers and committees in the Faculty, and graduates. The triennial re-union of this organisation in October, with nearly a thousand in attendance, was a marked success. The University is fortunate, too, in the interest taken by the graduate representatives of this Faculty upon the Senate, an interest which, during the past year, has been specially marked. It is to be hoped that the number of these representatives will shortly be increased.

The extension and diverse parts played by graduates of this Faculty in the various phases of Canadian development continue to be conspicuous, and especially so the past year in connection with proceeding and meetings of the national societies devoted to engineering and industrial pursuits. No only in these, but in general activities in various parts of Canada, and indeed of the Empire, as reports come in from time to time, it is gratifying to observe that our engineering graduates are more than ever taking their place in large business and in public undertakings and activities. As a recent instance of this, attention may be drawn to the semi-centennial meeting in Montreal this month of the Engineering Institute of Canada, where there was a registration of over eight hundred engineers, from Canada as well as from Overseas. This society is the all-embracing organisation of various branches of the engineering profession throughout the Dominion. A large number of the participants, and a very large proportion of those in attendance, were graduates of this University. In this connection it may be pardonable to present the observation that of the forty-eight presidents of the Institute in the last half century, whose names were prominently displayed, eighteen were college graduates, of whom half were alumni of this University. In other organisations of more recent date, the proportion is even greater.

The School of Engineering Research has carried on its useful work, notwithstanding the greatly curtailed appropriation for this purpose. It was able to pursue some twenty-four researches, some of which are already proving of considerable importance and use in industry. A detailed account of the subjects and objects of these researches and of the progress made during the session, forms a separate report which is presented by the Committee of Management of the School of Engineering Research.

Members of the faculty staff continue to improve their knowledge of engineering practice by international study and travel; this is highly commendable and is to be encouraged, especially in keeping up-to-date in applied science progress. During summer vacations within this twelvemonth, six heads of departments and the Dean have, on their own initiative, made extended tours to Great Britain, Northern, Central and Southern Europe, South Africa, China, and Japan. Various members have also made tours of inspection through the United States, the head of the school of architecture having visited a number of similar colleges while in session.

It is with much regret that the members of the Faculty learned of the death in March of Louis B. Stewart, professor emeritus of surveying and sometime secretary of this faculty in its early days, he had retired from active University work in 1931.

(5) REPORT OF THE DEAN OF THE ONTARIO COLLEGE OF EDUCATION

(*Dr. J. G. Althouse*)

The registration of the session 1936-37 was lower than that of 1935-36. Inclusive of the extramural students, the total number registered in the courses for teachers was 653 as against 774 in 1935-36. The most marked decrease is seen in the high school assistant's course, although the proportion of those seeking specialist standing has increased.

The registration in the librarians' course was 45 and the demand for trained librarians for the public and special libraries of Ontario was relatively satisfactory. The degree course of the Library School has now been accredited by the American Library Association.

During the session, the department of education research published two bulletins: "Forecasting Teaching Ability" and "Hearing Abilities of Pupils in Toronto Public Schools." In the first of these, there is included a study of the prognostic value of the marks in practice-teaching obtained by teachers-in-training. This study was financed by a grant of the Carnegie Corporation. The standardised test in world geography is now completed and will be issued at cost price to teachers and other educators in Canada. Two intelligence tests—one for 10-year-olds and the other for 18-year-olds—are nearing completion. An annotated bibliography of publications on Canadian education has been started and good progress has been made.

The session brought momentous staff changes. W. H. Williams, M.A., B.Paed., an instructor on the staff of the University of Toronto Schools since 1917, died on May 5 after a long illness. Mr. Williams had assised from time to time in the work of the College in the modern language department, and had evinced keen interest in the various activities of the school, especially in public speaking. His unusual ability in German, as well as in French, enabled him to make a unique contribution to the scholarship of the school and of the College.

Professor W. C. Ferguson, a member of the original staff of the faculty of education, tendered his resignation at the close of the year. Professor Ferguson assumed responsibility for instruction in modern languages in the faculty of education after singularly successful teaching experience in the secondary schools of Uxbridge, St. Mary's, London and Toronto. Despite the demands of his teacher-training duties he maintained the keenest interest in the University of Toronto Schools. For some months after the death of the first headmaster, he served as acting headmaster, and never relinquished direct contact with the classroom teaching of the school. Professor Ferguson's own teaching skill, his warm personal interest in the students and his unbounded energy have combined to win for him a unique place in the profession. He has served the Department of Education repeatedly on special committees and in the summer schools. It is earnestly hoped that he may long enjoy the leisure from routine activities which he has so amply earned.

Mr. A. N. Scarrow, in charge of manual training in the College and in the University Schools since 1910, reached the retirement age and will be missed in both institutions. Engaged in the training of teachers since the Model School days, Mr. Scarrow has been a wholesome influence in the schools of the province. His patience and thoroughness, as well as his devotion to the practical side of education, will not be readily duplicated.

Mr. G. A. Cline has been on leave of absence throughout the year, because of illness. His absence and the illness and death of Mr. Williams, have imposed a heavy burden on the headmaster of the University Schools.

(6) REPORT OF THE SECRETARY OF THE FACULTY OF HOUSEHOLD SCIENCE

(*Professor C. C. Benson, Ph.D.*)

The registration in this Faculty, for this session, has again been slightly smaller that it was for the preceding, but this is to be expected. It is now, with the advanced matriculation requirements, quite possible for many of the students who would have come to this Faculty, to enter the Faculty of Arts, and it is, in general, advisable for them to do so, as such registration gives them opportunities for residence life and for other connections which we cannot provide.

This Faculty has, however, again served its purpose of making provision for students from Macdonald Institute and from the Universities, and, of the forty-six registered, nineteen have entered with advanced standing, one from Manitoba, one from British Columbia, one from Newfoundland and others from Macdonald Institute.

The work and administration of the affairs of the Faculty have proceeded much as in earlier years. Dr. Jessie Brodie, who succeeded Professor Laird last autumn, has ably administered the rather complicated organisation of the department of household science, with its connections both with this Faculty and with the Faculty of Arts, and all members of the staff have continued to do good work.

(7) REPORT OF THE DEAN OF THE FACULTY OF FORESTRY

(*Dr. C. D. Howe*)

The enrolment of students in the entrance class was the largest for some years but not large enough to overcome the declining attendance in the school as a whole, it being thirty-three compared with thirty-seven of the previous year. There seems to be little doubt, however, that the attendance will increase from now on because of the increased demand for men with forestry training. Last year twelve of the fourteen graduates succeeded in obtaining positions. This year there are only seven in the graduating class and each of these has received at least two offers. In other words twice as many men could have been employed and each was assured of a position a month before graduation. This is the first time such a thing has happened in the history of the school. With three exceptions all the twenty-six undergraduates were engaged for summer jobs before the end of the term and this is a situation that has not occurred in the past seven years. The increased demand for foresters particularly among the pulp and paper companies also has taken up practically all the unemployment slack of the depression, a half dozen of our graduates having succeeded in re-entering the profession during the past year. Five members of the graduating class have been taken by pulp and paper companies and two by the Dominion Government. Among the undergraduates ten are in private employment and eleven in the government services, eight of the latter being with the Dominion Forest Service.

You will recall that last year at the instigation of the Ontario Hunters Game Protective Association, the Board of Governors and the Senate authorized the establishment of a course in fish and game conservation. In co-operation with the department of biology, a course of one hour a week through the session was given to the fourth year. It was very successful, and we hope that the course can be enlarged in the near future with the growth of the concept of the multiple use of forest lands. This idea has already found expression in the King township project where an attempt will be made, after a thorough survey of present conditions, to restore the natural habitat conditions of wild life so that eventually the area may once again teem with fish, game, fur bearing animals and other forms of wild life. Of course the key to the success of the project is the restoration of a vigorous forest growth on the non-agricultural lands. This is where the forester comes into the picture and it also indicates why a forester engaged in such work needs to know the fundamentals of fish and game conservation. The direction and the working out of the details of such a program of course lie in the hands of the trained biologist. Two of our graduates are working on the King township project.

Another event of great importance to the Faculty has taken place recently in the giving of a short course in the methods of measuring and culling of saw logs and pulpwood as practised by the Department of Lands and Forests. This course was given at the spring camp by licensed scalers loaned for the purpose by the Provincial Government. While the students get a thorough training in the principles of forest mensuration, this opportunity for intensive study of one of its practical phases under experienced men cannot help but make the future graduates of greater use to their employers. We are greatly indebted to the Minister and Deputy Minister of Lands and Forests for the establishment of this course.

(8) REPORT OF THE DEAN OF THE FACULTY OF MUSIC

(*Sir Ernest MacMillan*)

A significant step has been taken in the development of music in the University of Toronto by the establishment of an honours arts course in music. It is hoped that this course may serve the two-fold purpose of increasing the number of musicians with a broad, cultural background, and widening interest in music in the community. During the ensuing year, instruction in the musical branches of this course will be carried on by members of the present Faculty of Music.

During the session 1936-37 the number of students registered was 50, in the course leading to the degree of Bachelor of Music; 10 registered in the first year, 22 in the second year, and 18 in the third year. The degree of Bachelor of Music was conferred on 7.

The usual series of lectures have been given by members of the Faculty, and 10 students have been registered for special tutorial classes.

Three organ recitals were given during the season in Convocation Hall, arranged by Dr. Healey Willan, one by Dr. Willan and the other two by Dr. Charles Peaker and Mr. Frederick Silvester respectively.

The Conservatory Choir has appeared in Convocation Hall in the annual performance of Bach's "Saint Matthew Passion" on March 23rd, and has also sung Delius' "Appalachia", Bax's "St. Patrick's Breast-Plate" and MacMillan's "Te Deum" in Massey Hall with the Toronto Symphony Orchestra. The Conservatory Orchestra, under the direction of Mr. Ettore Mazzoleni, appeared twice in Massey Hall. Other Conservatory organizations, notably the Conservatory String Quartet, have made valuable contributions to the musical season in Toronto.

The musical activities of Hart House have continued to hold the interest of the students. The progress made during the last season by the Hart House Glee Club, under Dr. Charles Peaker, has been noteworthy. The carillon recitals given in the Memorial Tower by Mr. J. L. Richardson are as always a popular feature of the musical life of the University.

The Alumni Association of the Toronto Conservatory of Music has become affiliated with the Alumni Federation of the University and has been most active in promoting the interests of the institution—in particular, the establishment of a Foundation Fund for the assistance of talented and deserving students, in the name of the honorary registrar of the Conservatory, Miss Marion G. Ferguson, which has aroused widespread interest. and many contributions have been received.

There has been a notable increase in registration for tuition at the Toronto Conservatory of Music. The number of candidates entering for examinations for the present season has been 13,498.

(9) REPORT OF THE DEAN OF THE SCHOOL OF GRADUATE STUDIES

(*Professor G. S. Brett*)

The number of students registered in the School of Graduate Studies for the year 1936-37 was 637, an increase of 24 as compared with the previous year. The number registered for the different degrees showed no important variation: for the Ph.D. the number was 134 as compared with 143 in the previous year, and for the M.A. 140 as compared with 156: a relatively large increase occurred in the registration for M.S.A. which rose from 4 to 19. The number of men enrolled for all degrees rose from 452 to 464: the number of women decreased from 161 to 137, making a total decrease of 39 or twenty-three per cent. in two years.

The number of students resident in the Province of Ontario was 472, an increase of 35; the number from Toronto was 302 (an increase of 45); from the other parts of the Province 170 (a decrease of 10). (For details see Appendix B (K).) The number of students from other Provinces of Canada was as follows:—Nova Scotia 21, New Brunswick 18, Prince Edward Island 2, Quebec 6, Manitoba 21, Saskatchewan 23, Alberta 6, British Columbia 20. The number from other countries decreased from 52 to 48. The sources were as follows: Great Britain 9, India 1, China 2, Japan 1, Germany 3, Denmark 1, Esthonia 1, U.S.A. 26.

The number of institutions represented in the School was 50. Among these are the universities of the provinces indicated above and twenty universities or colleges in the United States: in Ontario McMaster University (with Brandon College) supplied 39 students, Queen's University 36, University of Western Ontario 26. The number of students who had taken their first degree at Toronto was 377, an increase of 25.

The distribution of the candidates for the different degrees was as follows:—

Ph.D.	134
M.A.	140
M.A.Sc.	13
C.E.	1
E.E.	1
D.Paed.	92
M.Sc.(Dent.)	1
M.S.A.	19
D.V.Sc.	2

The distribution of the candidates according to their major subject was as follows:—Anatomy 1, anthropology 3, applied mathematics 5, architecture 1, astronomy 1, biochemistry 14, biology 32, botany 25, chemistry 44, chemical engineering 7, chinese archaeology 3, civil engineering 4, classics 26, dentistry 1, educational theory 3, electrical engineering 1, English 64, food chemistry 2, geography 2, geology 11, Germanic languages and literature 15, history 30, household science 5, hygiene and preventive medicine 5, law 5, mathematics 11, mechanical engineering 4, mineralogy 3, mining engineering 4, pathology and bacteriology 3, pathological chemistry 2, pedagogy 92, pharmacology 1, philosophy 51, physics 20, physiology 9, political science 22, preventive dentistry 1, psychology 53, romance languages 22, semitic languages 12, veterinary science 2, professional degrees 2, special committees 13.

The number of students recommended for degrees during the session 1936-7 was as follows:—

Ph.D.	39
M.A.	78
M.A.Sc.	11
C.E.	1
D.Paed.	3
M.S.A.	1

Fellowships:—The Open Fellowships which are awarded by the Council of the School were increased this year from two to eight in number. The increase was due to the fact that six fellowships of the value of $500 each were provided from the estate of the late Colonel R. W. Leonard to be awarded to graduates of the universities of Canada. The need for more fellowships has been obvious for many years as the number of applicants with high qualifications is usually more than forty. The acquisition of the Leonard Fellowships marks a great advance on the previous conditions, but the resources of the School are still far from adequate to meet the requirements.

The Open Fellowships were awarded as follows:—

F. E. L. Priestley, M.A. Alberta, department of English.
M. H. Thomas, B.Sc. New Brunswick, department of chemistry.
G. H. Ford, B.A. Manitoba, department of English.
M. A. W. Western, B.A. Saskatchewan, department of history.
E. E. Lewis, M.A. Dalhousie, department of philosophy.
J. C. Findlay, B.A. McMaster, department of physics.
M. D. Darrach, M.A. British Columbia, department of biochemistry.
B. B. Hillary, M.A. British Columbia, department of botany.

Scholarship award:—Miss E. Frumhartz, B.A. Toronto, department of history. The following special awards were made by the Council of the School:—

Alexander Mackenzie Fellowships:—

H. D. Woods, B.A. New Brunswick, M.A. McGill; department of political science.
E. C. Gould, M.A. Toronto, department of history.

Ramsay Wright Scholarship:—
J. M. Speirs, B.A. Toronto.

Fellowships tenable in the School of Graduate Studies were awarded by the respective Committees of Award as follows:—

War Memorial Fellowship:—
K. C. Mann, B.Sc. Sask.; M.A. Toronto; department of physics.

Maurice Cody Fellowship:—
H. D. Woods, B.A. New Brunswick; M.A. McGill; department of political science.

Leonard Fellowship (University College Council):—
E. H. Yarrill, B.A.

Staff Appointments: The number of graduate students holding positions as demonstrators or instructors during the session 1936-7 was 190.

(10) REPORT OF THE DEAN OF THE FACULTY OF DENTISTRY

(*Arnold D. Mason, D.D.S.*)

In June, 1936, Dr. Albert E. Webster, who had served on the faculty for forty-three years, retired owing to ill-health, and on November 5th he passed away. His loss was deeply mourned by members of the staff. He had filled various positions, was dean for eight years and professor of operative dentistry for thirty years. Dr. Webster's retirement necessitated the re-organization of this department. As professor of operative dentistry, I have assumed the duties of head of the department, and Dr. R. G. Ellis has been appointed to take charge of the infirmary and assist in the laboratory teaching.

In the department of preventive dentistry, since the passing of Dean Seccombe who was professor of this subject, M. A. Cox, M.D., and Miss Doris Berry, M.A., who had been associated with him, have continued, and G. B. Shillington, D.D.S., was appointed to teach particularly the dental application. I regret that Dr. Shillington is now resigning to take up the study of medicine. This will necessitate another appointment which may retard the development of this department.

An intensive study of the curriculum was conducted during the session by the members of the Faculty Council. Outlines of the different courses were presented to the Council by the various professors and discussions took place at each meeting with reference to the correlation of each subject with other subjects of the curriculum. The study was taken up from three standpoints: first, to study the content of the Report, "A Course of Study in Dentistry", of the Curriculum Survey Committee of the American Association of Dental Schools; second, to compare it with the existing course as given in this Faculty; third, to recommend changes which would improve the present curriculum. The study has been very illuminating to the members of the Faculty and the comments have enabled us to make some adjustments to eliminate discrepancies both as to time and content. I believe the study will result in generally improving the correlation of the curriculum and strengthening the course.

A new time-table for the second to fifth years has been drawn up for next session with the hours from 9.00 a.m. to 5.00 p.m. instead of from 8.30 a.m. to 5.30 p.m. The first year has already been based on these hours This will make a more harmonious arrangement with the departments of the University teaching the fundamental sciences and will be appreciated by the student body

The registration of students in the regular dental course for session 1936-37 was 195, an increase of 3 over last session. Twenty-three young women were accepted for the course in dental nursing and twenty of them graduated. Nine graduates in dentistry from elsewhere were enrolled in the fifth year to proceed to the degree of doctor of dental surgery. Six of these were from Australia, one from England, and two from the United States. They were from the following universities: 5 University of Sydney, 1 University of Queensland, 1 London University, 1 Northwestern and 1 Washington University.

The department of orthodontia held a post-graduate course of two weeks' duration, which was attended by three graduates of this Faculty and three from the United States. Special comments of appreciation were expressed by the registrants.

We are encouraging the recognition of this Faculty as a post-graduate centre. An announcement has been placed in the calendar regarding two courses: one in peridontia and radiodontia, and one in operative and preventive dentistry, to be given consecutively in April, 1938. These courses are conducted so that there is no additional expense incurred by the University.

Arrangements for graduates to attend short refresher courses are possible at any time. During the past session three graduates availed themselves of this service, as well as two graduates from other universities, one from Sydney and one from Birmingham.

Extramural lectures and clinics to the dentists of Ontario which were again made possible by the generosity of the Board of the Royal College of Dental Surgeons of Ontario in addition to the grant by the Board of Governors of the University, have been most satisfactory to all concerned. Thirty-four meetings were held in twenty-one different centres, and were addressed by nineteen members of the Faculty. As the dentists in the northern part of the province are somewhat isolated, this service is particularly appreciated by them.

The library has been taxed to the limit of its capacity. The steady growth in the number of books takes increasing floor space for stacks, thus further limiting the room for the purpose of reading. It will not be long before new accomodation will be imperative. So that students may have greater use of the library, it remains open continuously from 9.30 a.m. to 5.30 p.m. during the session. A travelling-library service has been inaugurated. This comprises a case of approximately 20 books and is sent, on request, to dental societies throughout the province. Thunder Bay Dental Society at Port Arthur was the first to ask for this service and 22 different dentists made use of the books. Other societies have made enquiries and their wishes will be met during the ensuing session. The expense of this service is covered by the societies to whom the books are sent.

The policy of the Faculty Council prohibiting students purchasing used text books has been discontinued. Students will be permitted to purchase the prescribed text books wherever possible, and this may result in a financial saving.

A committee has been formed to establish suitable memorials to the late Deans Seccombe and Webster in the form of scholarships to deserving students of this Faculty. The appeal for funds is being made to the dentists practising in the various provinces of Canada as well as graduates living elsewhere, and will not be completed until some time this autumn. The general committee in charge is composed of the Executive Committee of the Faculty, a committee representing the dentists of Ontario, a representative from each of the other provinces, and the Presidents of the Canadian Dental Association, the Royal College of Dental Surgeons of Ontario, and the Ontario Dental Association.

(11) REPORT OF THE ACTING DIRECTOR OF THE SCHOOL OF HYGIENE

(*R. D. Defries, M.D., D.P.H.*)

In the absence of the director, Dr. J. G. FitzGerald, I have pleasure in presenting the tenth annual report of the School of Hygiene, relating to the academic session 1936-1937.

The occasion of the absence of the director during this year is of special interest and significance. During the past decade, preventive medicine has become one of the major subjects in the medical curriculum. The requirements for proper instruction in this subject involve not only adequate laboratory and clinical facilities but satisfactory arrangements for the observation of the functioning of official departments of health and of the various volutary health and social agencies. With the growing appreciation of the importance of this subject in medical education, the need has been felt for a comprehensive survey of the methods at present employed in its presentation to undergraduates in the leading medical schools of North America and of Europe. Provision for such a study was made by the Rockefeller Foundation and an invitation was extended to Dr. FitzGerald to undertake the direction of this important survey. To this request of the Rockefeller Foundation, the Board of Governors acceded with pleasure, granting to Dr. FitzGerald a year's leave of absence. The invitation was a further recognition of Dr. FitzGerald's outstanding leadership not only in medical research but in the whole field of medical education.

The work of the School of Hygiene is conducted by three departments and a sub-department. The department of physiological hygiene is concerned with such aspects of environmental hygiene as ventilation and lighting, industrial hygiene, nutrition, and applied physiology. The department of epidemiology and biometrics gives its attention to the functioning of public health organisations. Instruction is provided in public health administration. epidemiology, vital statistics, public health education, and sanitation. The department of hygiene and preventive medicine, which is also a department of the Faculty of Medicine, provides a series of courses in bacteriology. immunology, and parasitology. Associated with this department is the sub-department of chemistry in relation to hygiene. Important investigations are conducted by the members of each of these departments. These investigations have been made possible through the co-operation of the Connaught Laboratories. Substantial grants have been made each year to several of the departments and the facilities of the Connaught Laboratories. both the university and farm sections, have been placed at their disposal. The academic staffs consist largely, but not exclusively, of members of the Connaught Laboratories. This arrangement of personnel has been found highly satisfactory as it affords the opportunity for the members to engage in teaching, investigation, and administration.

Each of the departments receives graduate and undergraduate students. Instruction is given to undergraduate students in the Faculties of Medicine. Arts, Applied Science, and Household Science, and in the School of Nursing. Courses are provided for graduate students proceeding to the degrees of M.A., Ph.D.. M.A.Sc.. to the Diploma in Public Health and to the Diploma or Certificate in Public Health Nursing. During the session 1936-1937, 239 students have been enrolled in the various courses as follows:

A.	*Graduates*	
	Candidates for the Diploma in Public Health	17
	Candidates for the degree of Ph.D.	3
	Candidates for the degree of M.A.Sc.	1
	Candidates for the degree of M.A.	1
	Occasional students	6
B.	School of Nursing	51
C.	*Undergraduates*	
	Faculty of Medicine. 5th year	113
	Faculty of Household Science. 3rd and 4th years	18
	Faculty of Arts. 3rd year	29
	Department of University Extension	..
		239

Seventeen physicians proceeded to the Diploma in Public Health. constituting the largest class yet enrolled. Six members were from the Province of Quebec. three from Manitoba. three from New Brunswick. two from Ontario. one from Nova Scotia. and one from British Columbia. Dr. S. E. Ferreira. a member of the public health organisation of Jamaica. was a member also of this class. It is of interest to record that of the graduates in public health now numbering 164. 133 are engaged in public health work in Canada and 12 in other countries. Of the medical staff of the Ministry of Health of Quebec. 34 received their post-graduate instruction in public health in the School of Hygiene.

The contribution made by the School of Hygiene in providing training for this large group of public health leaders in Canada is of great importance and its value will become increasingly evident as the years pass. As in previous years, the Rockefeller Foundation has generously aided the different provincial departments of health by granting fellowships in public health to a number of candidates. The Connaught Laboratories have also made available several fellowships each year. Such assistance has been one fo the most important factors in the success of the effort to have well-qualified public health personnel.

Formulation of a satisfactory course of training for sanitary engineers was completed this year by the Faculty of Applied Science and Engineering in co-operation with the School of Hygient, the department of biology, and the Department of Health of Ontario. Previously, special courses were provided in only a few essential subjects. During the year a trial course was arranged in which each of the departments of the School of Hygiene made an important contribution. The providing of this new course will meet a need in Canada as previously graduates in engineering desiring such courses could not obtain training in Canada. Of interest, also, is the provision of a formal course of instruction in public health education by the department of epidemiology and biometrics.

The department of epidemiology and biometrics is making a substantial contribution to the improvement of vital statistics in Canada. The department has been privileged to assist the Dominion Bureau of Statistics in the preparation and introduction of the new Canadian death registration certificate, and in the preparation of a manual of instruction for physicians, concerning death certification. A continuous study is being conducted of samples of certificates to determine the value of the new certificate. A study also of stillbirth registration has been undertaken by Dr. A. H. Sellers with the objective of preparing a classification of the causes of stillbirths for use in the special stillbirth registration certificate. Recommendations will be made concerning the form of this new certificate to the Dominion Bureau of Statistics. The department was invited to co-operate with the Dominion Bureau of Statistics and the Department of Pensions and National Health in the preparation of a classification of the causes of morbidity. The need for an effective classification for use throughout Canada was at once evident in those provinces in which plans for health insurance were being discussed. The department has also had the pleasure of co-operating with the Department of Health of Newfoundland in providing a special course of training for the newly-appointed officer in charge of vital statistics.

In addition to the work of the department of physiological hygiene in the investigations of hormones, vitamins, and other physiological substances, an important contribution is being made in industrial hygiene. Data on atmospheric pollution in Toronto have been obtained during the past four years and the publication of these findings should stimulate action toward reducing smoke pollution. The toxicity of trichlorethylene and carbon tetrachloride, commonly used as solvents, has been investigated, as well as the toxicity of a bitumistic paint. Mr. K. K. Kay has supplemented Dr. Barrett's investigations by studying the effect of smoke on the transmission of ultra-violet energy. The work in industrial hygiene is facilitated by the close association, in teaching and research, of Dr. J. C. Cunningham, director of the division of industrial hygiene, Department of Health, Ontario. In this department, also, important studies are being conducted in the subject of nutrition by Dr. McHenry under the immediate direction of Dr. C. H. Best.

The department of hygiene and preventive medicine has accepted further responsibilities in the field of teaching and has continued to enlarge its program of research. The report of the various researches in this department and in the sub-department of chemistry in relation to hygiene are presented in the report of the acting directors of the Connaught Laboratories.

Reference has been made in the report of the acting directors of the Connaught Laboratories to the resignations of Dr. P. A. T. Sneath, lecturer in parasitology, Dr. Kenneth Brandon, fellow in epidemiology, and the appointment of Dr. A. H. Sellers as medical statistician to the Department of Health of Ontario. Dr. Sellers, however, will continue to have a relationship with the department of epidemiology and biometrics as a part-time member.

As is previous years, public health administrators and other students of public health from various countries visited the School of Hygiene. Of special interest was the visit of a group representing the major teaching centres in Mexico and South America. Visitors have come from the following countries: Argentina. Brazil, Chile, China. Costa Rica, Denmark, England, France. Holland. Germany, Greece, the Federated Malay States, Jamaica, Korea, Manchuria. Mexico, Newfoundland, Switzerland. and Uruguay.

(12) REPORT OF THE LIBRARIAN

(W. S. Wallace, M.A.)

I beg to submit the following report on the work of the University Library for the year ending June 30, 1937.

The number of volumes added to the Library during the year has been 11,132; the number of pamphlets, 4.643, making the total number of accessioned volumes in the Library 339,261, and the total number of pamphlets. 121,909 or a grand total of 471,170 items.

The following are the statistics of the use of the Library by undergraduates in comparison with previous years:

	1921-22	1926-27	1934-35	1935-36	1936-37
Reading-room books........	41,928	106.485	186,605	193,522	206.694
Overnight books...........	18,998	39.779	107.559	111.929	111,572
Week books...............	4,782	13.104	23.399	25,128	22,820
Totals..............	65.718	159,278	317,541	330.579	341.086

This represents an increase during the year of over 10.000 books handled or an increase of approximately three per cent. At the professors' and graduates' register the circulation has been almost the same as last year. The following is a statement showing the total circulation in the Library during recent years:

Total circulation	1926-27	1930-31	1934-35	1935-36	1936-37
To undergraduates.........	159,278	231.759	317.541	330.579	341,086
To professors and graduates	20.000	37.388	40.843	39.425	39.437
Totals..............	179,278	269.147	358.384	370.004	380.523

These figures are exclusive of books taken for consultation from the reference shelves, of which over 20.000 have been replaced by the library assistants in the main library during the past year; and of course they take no account of the very considerable circulation of books in some of the departmental libraries.

The number of interlibrary loans continues to increase. During the year the Library has handled 742 interlibrary loans, as against 666 last year: 464 of these being books lent. and 278 books borrowed. There has also been a steady increase in the number of photostats and bibliofilms sent to us in lieu of inter-library loans: and in order to make these bibliofilms more readily decipherable by students. it will probably be necessary for the Library to instal a library projector.

The following is a statement showing the circulation in the medical. political science. University College and law reading rooms. in comparison with other years:

		1934-35	1935-36	1936-37
Medical reading-room:	reading-room books......	10.761	11.195	12.814
	over-night books.........	11.386	12.219	12.425
	week books.............	3.606	3.622	4.188
Totals..............................		25.753	27.036	29.427
Political Science:	reading-room books......	12.577	11.208	9.088
	over-night books.........	6.890	6.338	4.865
Totals..............................		19.457	17.546	13.953

University College:	reading-room books	33,325	30,746	30,992
	over-night books	17,943	16,466	15,923
Totals		51,268	47,212	46,915
Law reading-room:	reading-room books	8,822	15,585	22,985
	over-night books	2,870	4,368	4,004
	week books	251	524	373
Totals		11,943	20,477	27,362

One result of the steady growth in the circulation of books in the University Library has been to place on the binding and mending department an ever-increasing strain. The number of books waiting to be mended is so great as to be beyond the capacity of the mending department to deal with during the vacations; and the amount of re-binding to be done is proving a heavy strain on the appropriation for binding, most of which is needed for the binding of periodicals. During the past year the binding and mending department prepared for binding 2,825 volumes, mended 2,449 volumes, and placed in pamphlet binders or boards 1,241 volumes.

The congestion of books in the stack-room of the University Library has become such that during the past year it was necessary for the Library Committee to ask the Council of the Royal Canadian Institute, whose books have for many years been housed in the University Library, to remove from the library building and place in storage elsewhere all those volumes or sets of periodicals which duplicate the holdings of the University Library. The Council of the Royal Canadian Institute has very kindly acceded to this resuest, and in this way shelving has been released which should provide for this year's accessions at least. But the situation is rapidly approaching a point where, if means are not found to enlarge the stack-room. the only solution will be to remove from circulation and place in storage elsewhere a part of the resources of the University Library.

I regret to report that a joint memorial of the university and college librarians of Canada, presented through the Secretary of the Universities Conference to the Minister of Customs at Ottawa, protesting against the imposition of a so-called excise tax on the purchase of books by University Libraries, and especially against the imposition of this excise tax on interlibrary loans from the United States, has produced no result. I have, however, taken up the matter with the Ministers of Customs and National Revenue, through other channels, and I am hopeful that at the next session of parliament we may succeed in getting this tax removed. It is to be hoped at least that we shall be able to get the tax on interlibrary loans removed. since this is proving a great hardship to Canadian scholars and research students.

I should like to bring again to your attention the loyal and painstaking service given during the past year by my assistants in the University Library, under conditions which, in this antiquated and over-crowded building, we are certainly growing no easier, as the years go on.

(13) REPORT ON RESEARCH

Anatomy, under direction of Professor J. C. B. Grant

Dr. J. C. B. Grant has completed the manuscript and illustrations for a textbook of Anatomy. These are now in the hands of the publisher.

Dr. James C. Watt has studied the arrangement of the cranial venous sinuses in the occipital region of man in 150 cases and has sorted and classified these into types. A paper presenting the results of this study was read at the Toronto meeting of the American Association of Anatomists.

During the session he made a series of records totalling over 600 items upon structures in the head and neck. These will be used for future work.

Mr. George Watts, B.A., who is the Richardson Fellow for the present year, and Dr. Ham have been investigating the structure of the relatively enormous adrenal gland which exists in the human foetus, with a view to determining its function.

Investigation failed to reveal comparable glands in several other species, hence the department is greately indebted to the departments of pathology at St. Michael's and the Toronto General Hospitals for material for study. There is a great deal of evidence to indicate that the tissue which comprises the bulk of the gland in foetal life is concerned with the manufacture of a sex hormone. Despite suggestive evidence to the contrary, extracts proved on biological assay to contain little oestrin. Assays for male hormone give more promise but these have just begun. Dr. Marrian of the department of bio-chemistry, has been extremely generous in co-operating in this work.

Mr. Watts and Dr. Ham have also found that gonadatropic hormone stimulates the growth of the androgenic zone of the adrenal gland in non-pregnant mice. They are also investigating the effect of this hormone on pregnant animals.

Mr. Elliott, M.A. and Dr. Ham, working under a Banting grant, determined the effect of different degrees of chronic vitamin C deficiency on the growth and survival of guinea pigs. They found that long-continued partial deficiencies resulted in an atrophy of the articular cartilages and particularly of their bony supports. It was thought that a combination of exercise and these lesions might produce those seen in osteo-arthritis and this is being investigated. Their studies on bone and teeth do not lead them to believe that vitamin C acts in the body causing a setting or gelation of fluid intercellular substances but rather that it is necessary for the vital processes of many sorts of specialised cells. Even fatty degeneration of the heart was produced in many cases by long continued deficiencies.

Drs. Tisdall and Drake of the department of pediatrics and Dr. Ham of this department have performed joint research on the effect of various disturbances of the calcium and phosphorous metabolism on the calcification and structure of growing bones and the healing of fractures. They found that certain diets prevented the calcification of callus—producing the X-Ray picture of non-union.—and that calcification of such a callus rapidly followed a change of diet. The histological pictures of low-calcium and low-phosphorous rickets were each investigated as was the one produced by acidosis. Further studies, particularly in regard to disturbances of acid-base balance and calcafication, are being undertaken.

Dr. Ham is continuing his studies on experimental arteriosclerosis induced by disturbances of calcium and phosphorus metabolism. He is also investigating the effect of large doses of vitamin D on the structure of bone and finds that decalcification of newly formed matrix occurs with the cell-containing matrix into osteoclast structures.

In connection with fourth year B. & M. honour option course and fourth year option courses in medicine, several students have been working with Dr. Ham on research problems, many of these students spending additional time at these problems in the summer months. This experiment has been productive of a certain amount of information of value. Mr. Scott has found that massive doses of vitamin D cause in seventy-two hours, the formation and phagocytosis of enormous amounts of iron containing pigment by the reticulo-endothelial system of rats. Mr. Littner has found that the hypertrophy observed in the parathyroid gland in rickets can be reduplicated experimentally by low-calcium diets but not by low-phosphorus diets, indicating that the blood calcium controls the activity of the parathyroid cells. Mr. Lougheed is studying the changes which occur in the distal portion of a nerve three weeks after it has been sectioned. Miss H. Horner studied the effect of oestrin on endometrium and it has been found that an increase in cell size precedes mitosis. Mr. Copp and Mr. Perry have and are continuing their tissue culture work, attempting to learn if oestrin can render available to endometrial epithelium in tissue culture, food from media which would ordinarily not support growth.

The American Association of Anatomists held its fifty-third annual meeting in the University of Toronto during Easter Thursday, Friday and Saturday. This was the first time the association had met in this country. It was generally necessary to hold from three to six simultaneous meetings, each with a lantern, operator and attendants in order to cover the lengthy programme of 150 papers and 58 demonstrations and a great deal of preparation was required of every member of the staff to make the meeting successful. The registered attendance was 303, of whom 281 were from out of town. At the close of the meeting the following resolution was unanimously adopted:

"For three days the American Association of Anatomists has enjoyed the welcome of His Majesty's Dominion of Canada and the generously expressed hospitality of the University of Toronto.

Assured by the gracious message from Lord Tweedsmuir, the Governor General; warmed by the felicitous phrases of Canon Cody, the President of the University; cheered by the genial presence of Professor McMurrich; beset about and about by myriad practical expressions of efficient preparation and organisation on the part of Professor Grant, his colleagues and his staff, for our ease, our comfort and the interchange of our scientific thought, we desire to record our appreciation and express our thanks to all those named and implied in this resolution.

We would have them know that human kindliness, hospitality and fellowship, no matter how certainly anticipated or relied upon. are experiences ever shiningly and exhilaratingly new. In joy and this realisation we bear our witness and beg our hosts to accept this testimony." (This resolution was presented by Professor T. Wingate Todd).

Astronomy, under direction of Professor R. K. Young

During the session 1936-37 one graduate student was in attendance in the department of astronomy and completed the requirements for the degree of Master of Arts. Miss V. E. Foster made a photometric investigation of the spectrum of Nova Lacertae under the direction of F. S. Hogg.

General Programme

At the David Dunlap Observatory the members of the staff have co-operated in a general programme of observation of stars in and near the Kapteyn areas. During the year there have been a total of 1186 working hours at night as compared with 1096 for last year. During this interval 1075 plates have been secured. The measurement of the plates for radial velocity has been carried out mainly by Miss R. J. Northcott and Miss F. S. Patterson and during the year they have measured 912 plates. This programme should be completed by the end of 1938.

Spectoscopic Work

Dr. Hogg has completed the work on two binaries, H.D. 183794, H. D. 206155 and secured further plates for the binary H.D. 34762. The plates of the binaries H.D. 25638 and H.D. 25639 are being remeasured. Dr. Heard has completed a preliminary orbit of the spectrocopic binary H.D. 96528 and followed the changes in the spectrum of γ Cassiopeiae. Dr. Millman has continued work on some 30 faint eclipsing binaries. During the year 33 plates were obtained with the 74-inch telescope. Dr. Helen S. Hogg has brought the existing card catalogue of all references to specroscopic binaries up to date to facilitate planning programmes for observation.

Newtonian Focus

Dr. H. S. Hogg in co-operation with Dr. F. S. Hogg has secured 156 direct photographs of clusters bringing the total taken at this observatory to date to 246. In N.G.C. 6402 twelve periods have now been determined, including those for three long period Cepheids. A summary of this work has been published. In N.G.C. 6779 six new variables have been found and measured on existing plates. Work of period determination is under way. In N.G.C. 6205 over a thousand estimates on new and old variables have been made and period work started. An important long period Cepheid has been found in each of the clusters N.G.C. 6218 and 6254. The faint but important cluster N.G.C. 6366 has been added to the observing list and a bibliography of the literature on globular clusters has been brought up to date.

Planetary

A programme for the determination of the intensity distribution in the continuous spectrum for various points on the disk of Mars was planned by Dr. Millman. To date 28 plates on this programme have been secured.

Meteor Research

The photographic and visual observation of the major showers was carried out as in previous years by Dr. Millman. Three of the meteor cameras were mounted behind rotating shutters which occulted the lenses 25 times per second. Exposures totalling 83 hours were made in observing the Perseids, Leonids and Geminids. No meteor spectra were photographed but four direct trails were obtained with one of the rotating shutter cameras. Approximately 3,000 visual observations of meteors were viewed and summaries of these published.

Work on fourteen meteor photographs taken with the rotating shutter at Harvard Observatory was completed in collaboration with Miss Dorrit Hoffleit of the above institution. These direct photographs were measured for velocity and studied photometrically.

19-inch Telescope

This instrument has been adapted for direct photography and tested for definition and ease of manipulation by Dr. Hogg and the director. No regular programme has yet been undertaken.

Biochemistry, under direction of Professor H. Wasteneys

Directed by Professor Wasteneys:

Mr. B. F. Crocker and Dr. Paul Hamilton have continued the researches on the chemical aspects of digestion *insitu* in which Mr. Chocker was engaged last year. The digestion of proteins isolated from different sources has been especially studied, and it was found that the digestion of a given isolated protein is apparently in inverse proportion to the amount fed while for proteins from different sources the relative speed of digestion remains the same regardless of the amount. The investigation is proceeding.

Directed by Professor G. F. Marrian:

The work commenced three years ago by Dr. S. L. Cohen on the chemical nature of the conjugated oestrogens in human pregnancy urine was successfully completed last autumn by the isolation of the crystalline sodium salt of oestriol glucuronic acid. In view of the probable identity of this compound with the active principle of "emmenin", a careful investigation of the oestrogenic activity of the oestriol glucuronide when administered orally and subcutaneously, has been carried out. It has been shown that oestriol glucuronide owes its activity, when administered orally, to the fact it is enzymatically hydrolysed in the intestinal tracts of the test animals with the liberation of free oestriol. This work has been carried out mainly by Mr. A. D. Odell and Miss D. I. Skill.

Mr. B. Schachter has continued his research on the nature of the conjugated oestrogens in pregnant mare's urine. Small yields of what appears to be potassium oestrone sulphate have been isolated.

Mr. W. Fishman has studied methods of prepartion and purification of the enzyme *glucuronidase*. It is hoped to make use of purified preparations of this enzyme for the enzymatic hydrolysis of the conjugated oestrogens in human urine.

Mr. G. C. Butler and Professor Marrian have collaborated with Mr. L. R. Broster, F.R.C.S., of the Charing Cross Hospital, London, England, in a research on the nature of some constituents of the urine of women showing adrenogenital syndrome. A compound which is apparently specific for this condition has been isolated and it has been identified as pregnane-3.17.20.triol. It is hoped to establish a relationship between this compound and certain of the active principles of the adrenal cortex.

Mr. Butler is also investigating the nature of a new compound which has been isolated from male and female urines.

Miss E. Batho has continued her work on the synthesis of equol. She has synthesised 7 methoxy-3-(4'methoxypheny) chromane. This is apparently not identical with equol methyl ether. She is now engaged in synthesising 6- methoxy-2-(4' methoxy-benzyl) coumarane.

Dr. D. Beall has investigated the possibility of coupling oestrone or oestriol with proteins. It is hoped that such a complex may possess antigenic activity and thus it may be possible to produce an antibody specific for the oestrin hapten. Such an antibady would prove of great value in the study of the physiological action of the oestrus-producing hormones. As a preliminary step the introduction of an amino group into the oestrone molecule is being studied since such a group by diazotization would afford a ready method for coupling the oestrogen and protein.

Directed by Professor A. M. Wynne:

Dr. L. Farber continued his investigations of the growth and proteolytic activity of pathogenic Staphylococci. In February 1937 he left the department, having accepted a research position in the United States.

Mr. L. Rabinowitch continued his investigations of pancreatic lipase; comparative studies of the properties and behaviour of purified and less pure preparations of the enzyme were made. The results of this and previous work was incorporated in a thesis for the degree of Ph.D.

Professor Wynne in collaboration with Mr. G. M. Chute, Mr. J. W. Hazelton and Mr. B. A. Roberts continued his investigations of yeast invertase and of the intermediary metabolism of fermenting bacteria.

Biology, under the direction of Professor E. M. Walker

Then following summary includes investigations in progress, published or in course of publication, for the year 1936-1937:

Vertebrate Anatomy

By Professor W. H. T. Baillie—Conjugate deviation of the eyes in animals that possess either monocular or biocular vision; origin of movements of the eye and the relation of eye movements to a motor behaviour pattern: the effects of anaesthetis on eye movements; thickness of the cornea and the ability to refract light; study of the eye of the harbour seal; a tumour of the oviduct in a domestic fowl.

Invertebrate Zoology (including entomology and parasitology)

By Professor Norma Ford—Determination of the number of instars and their diagnostic chacters in *Grylloblatta* and the rate of growth at several temperatures; a survey of the distribution and abundance of the parasitic flesh-fly, *Wohlfahrtia vigil*, within a radius of fifty miles of Toronto, and a study of all reported cases of human cutaneous myiasis caused by this parasite.

By Dr. F. P. Ide—Descriptions of the nymphs of 23 species of mayflies of the genera *Baetis. Heterocloeon, Pseudocloeon and Cloeon;* ecological distribution of mayflies in the Ottawa River and one of its tributaries with a comparison between the fauna of this region and that of the Credit River.

By Professor E. M. Walker—Thoracic skeleton and musculature of *Grylloblatta:* diagnostic chacters of larval stages of the parasitic fleshfly, *Wohlfahrtia vigil:* a new dragonfly of the genus Macromia from British Columbia, with a key to the North American species of this genus; distribution of dragonflies of Ontario and Saskatchewan.

Under the direction of Professor E. M. Walker:

C. E. Atwood—Effects of different foods and of starvation on longevity, size, reproductive capacity and sex ratio of the Mediterranean Flour Moth (*Ephestia kuehniella*).

Miss J. A. Fraser—Ecological distribution of certain caddisflies and their larvae in streams in Algonquin Park, Ontario.

Miss J. F. L. Hart—A comparative study of certain British Columbian Anomura (hermit crabs and related forms), based on both larval and adult structure.

Mrs. E. Kuitunen-Ekbaun—Life history of *Philometra americana*, a dracunculid nematode parasite of certain flounders, blennies and cling-fish; life history of *Philonema oncorhynchi*, parasitic on sockeye salmon; maturation and hatching of the eggs of *Triaenophorus crassus*, a cestode from Canadian fish; occurrence of various Acanthocephala in Canadian fish; intestinal parasits of the haddock in Canadian waters.

Miss R. D. C. Martin—Life history and ecological studies of two stream-inhabiting dragonflies, *Agrion maculatum* and *A. aequabile*.

G. M. Neal—Distribution of pelagic Rotifera in British Columbia.

W. B. Stallworthy—Distribution of land Isopoda in Ontario, a study of the influence of environmental factors under controlled conditions.

F. A. Urquhart—Taxonomic position of the so-called "sand-cricket" (Tridactylus).

Marine Biology

By Professor A. G. Huntsman—Factors affecting the abundance of the Atlantic salmon.

Under the direction of Professor A. G. Huntsman:

A. A. Blair—Factors affectin the growth of salmon parr and smolts, particularly as shown in the scales.

P. F. Elson—Development of the scales in the trout, *Salvelinus fontinalis*.

W. H. Johnson—Food and feeding of the herring; migrations in relation to light of the copepods *Calanus*, *Pseudocalanus*, *Arcartia*, *Eurytemora* and *Tortanus* (also at Atlantic Biological Station under the Woods Hole Oceanographic Institution).

H. M. Rogers—Fauna, flora and conditions of the estuary of the Margaree River, Cape Breton (Field work under the Biological Board of Canada).

Mr. H. C. White of the staff of the Biological Board was given accommodation in the laboratory for work on the food of kingfishers and mergansers on the Margaree River, Cape Breton, and on the heritability of local behaviour in the Atlantic salmon.

Vertebrate Embryology

By Professor A. F. Coventry—Preparation of slides of developmental stages of small mammals continued from last year, now including fairly close series of specimens illustrating two species of *Peromyscus*, *Microtus p. pennsylvanicus* and *Clethrionomys g. gapperi*.

Animal Bionomics, Mammalogy and Ichthyology

By Professor A. F. Coventry—Continuations of studies of populations of small mammals in Temagami Forest Reserve; breeding habits of some Cricetidae in Ontario.

Under the direction of Professor A. F. Coventry:

G. F. M. Smith—Life conditions of oysters in the Bras d'Or Lakes of Cape Breton (Field work under the Biological Board of Canada).

By Professor J. R. Dymond—Ecological and geographical distribution of fishes in Algonquin Park, Ontario; taxonomy and distribution of salmonoid fishes of northwestern Canada.

Under the direction of Professor J. R. Dymond:

A. H. Carter—Life history of fishes of the genus *Nocomis*.

C. J. Kerswill—A taxonomic and distributional study of Amphiodon and Hiodon (at the University of Western Ontario).

Miss I. Limbert—Distribution of Ontario fishes.

J. M. Speirs—Studies of bird migration at Toronto.

Genetics of Human Biology

By Professor J. W. MacArthur—Genetics of the tomato, Aquilegia, rodents and man; finger, palm and sole prints of the Morlok quadruplets; development of a new quantitative method of comparing and stating the degree of likeness of hands in their dermatoglyphic characters.

By Professor J. W. MacArthur in collaboration with Professor Norma Ford—Collection and study of hand and sole prints and other data from family groups and from multiple births.

By Professor J. W. MacArthur in collaboration with Dr. A. N. Langford—Development at Vineland Experiment Station of a commercial greenhouse tomato immune to brown mould.

Under the direction of Professor J. W. MacArthur:

L. Butler—Analysis of the mechanism of inheritance of fruit size in the tomato.

Miss V. Engelbert—Studies of the type of reproduction, cytology and genetics of a group of species of blue grass (*Poa* spp.).

C. K. Gunn—The acholuric jaundice mutation in the albino rat; its inheritance and its similarity to the human disease.

Miss F. Harkness—Comparison of human hand and foot prints.

Mrs. M. Richardson—Studies of intelligence quotients in problem children and their sibs and parents.

A. Wilkes—Induction of mutations in parasitic Hymenoptera as a means of studying the causes of variations and their sex ratio.

By Professor Norma Ford—Dermatoglyphics of the Godino united twins, who died in New York in November and December, 1936; physical chacters of a case of united foetuses born prematurely in Toronto; investigation of the blood-vascular system in the placentae of multiple births, correlating the findings with the degree of similarity of the twins or triplets after birth. (In co-operation with four Toronto Hospitals).

Comparative Neurology

By Professor E. H. Craigie—Continuation of studies on the cerebral cortex of birds and reptiles; vascularity of the nervous system in certain representative amphibians, reptiles and mammals; general survey of the field of comparative anatomy and embryology of the central nervous system.

Under the direction of Professor E. H. Craigie:

S. J. Taylor—Vascularity of the hypophysis of the frog and other cold-blooded vertebrates.

J. V. McCutcheon—Study of the nucleus isthmi of birds.

Limnology

By Professor W. J. K. Harkness (in collaboration with other members of the staff, graduate and undergraduate students)—A limnological study of the lakes and streams of Algonquin Park and adjacent areas; a site was chosen in the Park for a limnological laboratory and the building constructed (in co-operation with the Ontario Department of Lands and Forests and Game and Fisheries). A transfer of Atlantic salmon was made to a series of fresh-water lakes in Quebec (in co-operation with Mr. Moffat Dunlap); the results of this operation may furnish significant limnological and fish-cultural data.

Under the direction of Professor W. J. K. Harkness:

C. Carl—The distribution of Cladocera and free-living Copepoda in British Columbia with special reference to the Centropagidae.

K. H. Doan—Further studies on the life history and the factors controlling growth and production of the small-mouthed black bass in Lake St.Clair, Georgian Bay and Algonquin Park.

F. E. J. Fry and W. A. Kennedy—The life history and controlling factors in the production of the lake trout (*Cristivomer mamaycush*) in inland lakes in Ontario.

R. R. Langford. W. R. Martin and V. E. F. Solman—Seasonal quantitive studies of the distribution of the plankton population in Algonquin Park lakes and the effect of physical and chemical conditions and changes upon this distribution.

R. B. Miller—Qualitative and quantitative study of the bottom fauna of the Algonquin Park lakes with special emphasis on the ecological distribution of the Chironomidae.

Experimental Biology

By Professor L. Irving—The relation of the peripheral circulation to breathing in mammals.

Under the direction of Professor L. Irving:

E. C. Black—The capacity of the blood of the carp and other fresh-water fish for carrying oxygen and carbon dioxide.

L. P. Dugal—Changes in the tissues and mantle cavity of clams and oysters when kept in air.

Miss E. Greey—Studies made to determine whether the base-combining power and quantity of the proteins in the eggs of trout change during the development of egg protein into the protein of the embryonic fish.

Miss K. Robertson—Further studies on the relation of the enzyme carbon anhydrase to the metabolism of calcium. The effect of the enzyme has been studied upon the chemical reactions involved in the precipitation of calcium carbonate.

Provision for these studies had been made possible by grants from the Banting Foundation, Ella Sachs Plotz Foundation, American Association for the Advancement of Science, American Philosophical Society and Rockefeller Foundation.

Botany, under direction of Professor R. B. Thomson

Phanerogamic Botany and Genetics

Anatomy and Experimental Morphology

Bannan, M. W.—A study of the variations in wood structure in the native Conifers, and determination of the relationships between such variations and the ecological conditions under which the trees grow.

Haldenby, C.N.—The origin and distribution of horizontal resin canals in the Conifers.

Hull, Kathleen L., & Thomson, R.B.—The anatomical organisation of *Lycopodium* and *Selaginella*.

Radforth, N. W.—The development of plant embryos in culture fluid.

Taylor, T. M. C.—The sporeling organisation and the cladorhize development of the adult plant in *Equisetum arvense* L.

Thomson, R. B.—The comparative anatomy of the male and female cone scales of the Conifers.

Thomson, R. B. & Hull, Kathleen L.—The organisation of the sporeling of *Osmunda* and of the lower vascular plants.

Wright, J. Gertrude—The nature of the pit-closing membrane in the higher gymnosperms.

Taxonomy

Krotkov, P.—Plant survey work in the Bruce Peninsula; revision of the herbarium material; special study of Ontario willows and golden rods.

Taylor, T. M. C.—(1) A critical study of the genus *Woodsia*.

(2) Plant survey work in the Batchawana and Port Arthur areas, in co-operation with the National Museum of Canada. A report on the collection from the former area is in press, and from the latter in course of preparation.

Genetics

Wright, J. Gertrude—A study of abnormal types of *Linaria vulgaris* and their heredity.

Mycology, Forest Pathology and Crytogamic Botany

(Under the direction of Professor H. S. Jackson)

Biggs, Rosemary P.—A cultural study of Thelephoraceae.

Cain, R. F.—A taxonomic study of Ontario Sordariaceae and related Sphaeriales.

Groves, J. W.—Cultural studies of certain canker forming species of *Dermatea*, *Pezicula*, *Godronia* and related forms. (In part submitted for publication).

Jackson, H. S.—The mycological flora of the Toronto region and of the Temagami Forest Reserve.
A taxonomic study of Ontario Thelephoraceae.

Lacy, R. C.—Cultural studies of the Thelephoraceae.

Lehmann, A. J. V.—A study of the nuclear phenomena of the germination of the teliospores of certain species of *Lepto-Puccinia*.

Macrea, Ruth—A study of phosphorescence in *Panus stipicus*.

Plant Ecology and Seed Studies

(Under the direction of Professor H. B. Sifton)

Structural Ecology:

McPherson, D. C.—On the structure, form and development of air spaces in roots.

Seed Studies:

Hamly, D. H.—Stereophotography of seeds. Apparatus has been devised for the preparation of Stereophotos. The use of these affords a valuable aid to the identification of weed seeds.

McGugan, Miss Jean E.—The seed-coats of the genus *Brassica*.
The occurrence of certain characteristic pigments in the cotyledons of *Brassica* species and varieties and their value in seed identification.
Identification of *Brassica* seedlings

Sifton, H. B.—Investigation of the effect of water and oxygen supply, temperature and light on seed germination.

Plant Physiology

(Under the direction of Professor G. H. Duff)

Brodie. Anne B.—The metabolism of nitrogen and its relation to respiratory metabolism. This year's work has shown that the first net loss of protein occurs in starving leaf cells in conjunction with the onset of the senescent rise of respiration. This fact is now being related to changes in respiratory quotient.

Duff, G. H.—The metabolic gradient of the attached leaf and its relation to the concentration and transport of sugar.

Duff, G. H. and Forward, Dorothy F.—Sugar degradation and respiratory metabolism. The rate of inversion of the non-reducing sugar is identified as the factor controlling respiratory metabolism.

Walford. E. J.—The respiratory metabolism of the tomato fruit in relation to its storage at 12.5°C. (in co-operation with the Ontario Agricultural College). The first paper on this subject has gone forward to the Canadian Journal of Research.

Plant Pathology

(Under the direction of Professor D. L. Bailey)

(These researches have, except where otherwise stated, been undertaken in co-operation with the Vineland Experiment Station.)

Bailey, D. L.—Dead Arm Disease of Grape.
Diseases of Ornamentals.
(a) *Cytospora* disease of Koster's Blue Spruce.
(b) Suspected virus disease of lilies and gladiolus.
Strawberry Root-rot.

Langford, A. N.—*Cladosporium* leaf mold of tomato.

Simmonds, S. A.—Factors influencing the fungus flora of raspberry roots.

Newell, P. G.—Bacterial leaf spots of tobacco. In co-operation with the Dominion Plant Pathological Laboratory, St. Catharines.

Woolliams, G. E.—Fusarium Wilt of Zinnia. In co-operation with the Dominion Plant Pathological Laboratory, Summerland, B.C.

Mead, H. W.—A comparative study of some seed-borne disease of barley. In co-operation with the Dominion Plant Pathological Laboratory, Saskatoon, Sask.

Cytology

(Under the direction of Dr. L. C. Coleman)

Coleman, L. C.—Cytology of *Gasteria. Allium* and *Scilla* with special reference to chromosome structure.

Hillary, B. B.—The Feulgen reaction and its use in Plant Cytology.

Radforth, N. W.—The Feulgen nucleal stain in relation to the egg apparatus of *Pinus* and *Lilium.*

Taylor, Miss G. S.—The Cytology of *Veltheimia viridifolia.*

Chemistry, under direction of Professor W. Lash Miller

Forty-five students were engaged in research last winter under the direction of professors of the department of chemistry.

The degree of Master of Arts was conferred on seven of these, viz:—Sister Mary Evelyn Fitzierald. Messrs. E. C. Forbes, W. A. James, J. W. McCutcheon, S. Shankman, D. L. Turner, and M. Wayman; also on Mr. L. R. Bryant who worked under Professor Ruhnke in the Ontario Agricultural College, and on Mr. S. F. MacDonald who worked under Professor V. E. Henderson in the department of pharmacology.

The degree of Doctor of Philosophy was conferred on Mr. L. H. Cragg whose research was directed by Professor Kendrick; on Miss M. L. Elder who worked under the direction of Professor W. Lash Miller; on Mr. A. H. Heatley who worked under Professor Burt-Gerrans; on Mr. F. H. Lawford, who worked in the Banting Institute under direction of Professor C. C. Lucas; on Mr. J. R. Patton whos research was directed by Professor J. B. Ferguson; and on Mr. F. E. W. Wetmore who worked under the direction of Professor A. R. Gordon.

The following were the subjects of research:—

Prof. F. E. Beamish—Analytical determination of the platinum metals.

H. J. Bernstein, M.A.—Raman effect in electrolytes.

W. H. Brown—Quantitative determination of carbon-monoxide in blood.

A. E. Byrnes—Friedel and Crafts reaction between acenaphthene and substituted phthalic anhydrides.

R. C. Carlisle, B.A.—Reduction of magnetite by iron.

M. Cohen, M.A.—Adsorption of water-vapour by solids.

L. H. Cragg, M.A.—The sour taste of acids.

Miss E. V. Eastcott, Ph.D.—Purification of Bios IIB.

Miss M. L. Elder, M.A.—Sporulation of yeast.

L. D. Finlayson, B.A.—Solubility of carbon dioxide in binary liquid solutions.

Sister Mary Evelyn Fitzgerald, B.A.—Organic salts of certain amino-acids.

E. F. Forbes, B.A.—Effect of platinum mentals on the surface of the assay bead.

Prof. A. R. Gordon—Computation of thermodynamic quantities from spectral data.

A. H. Heatley, B.A.Sc., M.A.—Potential distribution in carbon arcs.

W. G. O. Hines—Potential of the lead-sulphate electrode.

E. A. Hollingshead—Differential diffusion-coefficients of sulphuric acid in aqueous solutions.

W. A. James, B.A.—Differential diffusion coefficients of hydrochloric acid.

A. Janis, M.A.—Vapour-pressures of aqueous solutions by the isopiestic method.

J. H. Johnston—Separation of the alcohols of sandal-wood oil.

L. F. King, M.A.—Rates of reactions of esters with alcohols in alkaline media.
D. J. LeRoy, M.A.—Transport numbers of alkaline acetates in aqueous solution.
S. F. MacDonald. B. A.—Preparation of some derivatives of cyclopropane.
J. W. McCutcheon. B.Sc.—The tetrabromides and other derivatives of linoleic acid.
F. L. W. McKim—Separtion of solids by centrifuging in a neutral liquid.
C. Marchant, M.A.—Bios VI, needed by Sacch. hansen. valbyensis.
W. R. Mason—Base exchange with natural minerals.
R. N. Meals, M.A.—The mechanism of the Fujiwara reaction.
J. H. Michell—Preparation of 2-menthyl 5-menthoxy cyclohexanol.
M. O. O'Sullivan—Preparation of some mixed phenyl esters.
P. P. Paisley—Prepartion of Bios IIB.
C. H. Perrin—Determination of nitrous oxide.
G. W. Rogers—The McHaffie-Lenher method for the study of absorption of vapours on glass surfaces.
J. R. Romans, M.A.—Photochemical reactions.
Miss J. C. Romeyn—The sporulation of yeast.
J. J. Russell, M.A.—Analysis of the platinum metals.
Miss C. J. Sanderson. M.A.—Effects of the constituents of bios on the crops of various species of yeast.
Miss M. C. Scott, M.A.—Determination of specific reducing agents for the various platinum metals.
J. Seath—Soectrographic analysis of the platinum metals.
S. Shankman, B.A.—Vapour pressures of aquesou solutions of sulphuric acid.
R. S. Soanes, M.A.—Potential distribution in carbon arcs.
Miss H. Stantial, Ph.D.—Equilibria between salts of amino-acids.
G. A. Stewart, B.A.—Base exchange with artificial alumino-silicates.
S. O. Thompson, M.A.—Solubility of gases in liquids.
D. L. Turner, B.A.—Intermediates for a hydrophenanthrene synthesis.
C. Unruth, B.Sc., M.A.—Reactions of acid chlorides with certain polyphenols.
W. Wayman, B.A.—Purification of Bios IIB.
F. J. Webb, M.A.—The product of alkaline reduction of 9-nitro-anthracene.
F. E. W. Wetmore. B.Sc., M.A.—The activity coefficient of copper sulphate in aqueous solution.

Food Chemistry, under direction of Professor C.C. Benson

Research work has been continued in this department in the study of the relationships between the process of respiration and physical training for young women, as such training is given in this University, and in the studies in chemical changes in fruits during ripening.

Miss M. Cox has investigated especially the changes in sugars in McIntosh Red apples during ripening and storage and has this year been granted the master's degree for her work in this connection.

We are indebted to the Experimental Station at Vineland for their kindness in providing the apples which we are using in these studies of the ripening of fruit.

Pathological Chemistry, under direction of Professor Andrew Hunter

Drs. Urquhart, Selby and Nicholson have continued their work on kidney function during experimental nephrosis. They have made observations, which indicate that damage to the convoluted tubules impairs the kidney's ability to excrete water, nitrogen and foreign sugar, but that, on the other hand, its power to retain chloride is diminished.

Dr. Jackson has been comparing ammonia production in the nephrotic and normal kidneys.

Dr. Jackson and Dr. Nicholson have made further investigations on the relationship of carbohydrate metabolism and staphylococcal infection, and have found that the modification in the response to infection produced by high carbohydrate diets is probably due to an increase in the amount of sugar at the site of infection.

Studies on the use of micro-organisms as sugar reagents have been continued. and during the course of these studies Dr. Nicholson has secured some evidence of the existence in muscle of a polysaccharide other than glycogen.

Mr. J. B. Scott has made a study of several methods which have been proposed for the determination of minute quantities of iodine in blood, and has elaborated a new procedure which appears to possess several advantages.

Dr. Hunter has continued his studies of the enzyme arginase with several interesting results. Among these may be mentioned the observation that arginase hydrolyses carbamido-arginine. One product of this hydrolysis is urea; the other has been isolated, and has been almost certainly identified as carbamido-ornithine, a substance hitherto unknown. This observation throws a new light upon the nature of the specific action of arginase.

Dr. Hunter has also improved the method formerly devised for the isolation of free arginine from tryptic digests, and has applied the improved method to the further study of the mechanism of its liberation.

Other problems, which have been undertaken are the purification of arginase, and the improvement of existing methods for the preparation of ornithine.

Geology and Palaeontology, under direction of Professor E. S. Moore

Field investigations in geology:

Professor A. McLean—East Kirkland Lake area, for Ontario Department of Mines.

Dr. J. Satterly—Geology of the Stull Lake-Echoing River-Sachigo Lake area, for Ontario Department of Mines.

Laboratory investigations:

Dr. Madeline Fritz—A new coral genus and species from the Silurian rocks of Lake Timiskaming.
A Carboniferous blastoid from Mount Coleman, Alberta.
Illustrated catalogue of Devonian type Bryozoa of the family Fenestrellinidae.

Dr. V. J. Okulitch—Revision of the nomeclature of some Archaeocyathids (Paleospongia).
Twenty-five species of Devonian corals, illustrated and described for the *Illustrated Catalogue of Devonian Fossils.*
Fletcheria incerta and Fletcheria sinclairi, new species of Ordovician corals.

J. E. Armstrong, M.A.Sc. (B.C.)—Geology of the Fraser Lake area, British Columbia.

H. C. Lane, M.Sc. (Man.)—The role of chlorine in the genesis of ore deposits.

P. A. Chubb—Ore deposits at the Ross mine, Ontario.

A. T. Griffis—Structural geology of the Kirkland Lake area.

Dr. A. Glauser (Basle, Switzerland)—Geology of the syenite belts of the Bancroft area, Ontario.

W. M. Bartley (Man.)—Genetic relations of lamprophyres to gold deposits in Ontario.

Household Science, under direction of Professor J. B. Brodie

During the session 1936-37 five graduate students were taking work in this department but only three were engaged in research.

Miss Grace H. Donald has continued her determinations of the calcium content of some Canadian vegetables and was granted the degree of Master of Arts.

Miss Dorothy Mulholland completed her study of low cost special diets and was granted the degree of Master of Arts.

Miss Ruth Johnstone reviewed the literature on the use of soy bean in the diet and worked out new methods and recipes for incorporating soy bean products in the dietary. She was granted the degree of Master of Arts.

Applied Mathematics, under direction of Professor J. L. Synge

B. A. Griffith, Ph.D.: Investigations on the flow of a viscous liquid past a fixed circular cylinder by a combination of the methods of Stokes and Oseen have now been completed. The results involve a parameter which can be adjusted to give values for the drag in better agreement with experiment than the results obtained by Oseen's method.

G. E. Hay, M.A.: The method of images has been applied to obtain the solution of the torsion problem for a prism of triangular section with angles 30, 60, 90 degrees.

A. F. Stevenson, Ph.D.: Certain points arising out of the method of the self-consistent field in quantum mechanics have been investigated, namely, the necessity for spherical symmetry in self-consistent atomic fields and the effect of the motion of the centre of gravity in nuclear problems.
Stoke's and Oseen's equations for the steady motion of a viscous liquid past an obstacle may be regarded as particular cases of more general equations involving a parameter. A method for determining the best value for this parameter has been developed and detailed calculations for the case of a sphere are in progress.

J. L. Synge, Sc.D.: Gauss' theorem, connecting normal flux of intensity of gravitational force across a surface with the contained mass, has been extended to the general theory of relativity, particular attention being devoted to a relativistic definition of intensity in a gravitational field in terms of the relative accelerations of free particles.
An extensive hydrodynamical theory for general relativity has been developed, a number of classical results being found to hold. In particular the propagation of disturbances has been investigated, and it has been found that a lower limit to the compressibility of a fluid is demanded by the fundamental relativistic postulate of an upper limit to velocity.
A new method has been developed for investigating the properties of absolute optical instruments, including those in which the terminal media are anisotropic.
A method developed five years ago for treating the equilibrium of a thin incompressible membrane has been extended to cover the case where the membrane is slightly compressible. It is intended to use these results to give a more adequate account of the equilibrium of the periodontal membrane.

Medicine, under direction of Professor Duncan Graham

Satisfactory progress has been made in many different problems of clinical research. During the past few years special attention has been given to the investigation of patients suffering from acute occlusion of the larger arteries. A special study has been made by Dr. Rykert and the head of the department on time of onset, location, chacter, distribution and possible causes of the pain present in this condition, on the factors influencing prognosis and on the results of different methods of treatment. In reports of this investigation, attention is called to the presence and clinical significance of two types of pain in cases of acute embolic occlusion, to the frequency of spontaneous recovery of the local circulation following arterial occlusion affecting the upper extremity, and to the importance of the associated primary disease as a determining factor in prognosis and treatment. The outcome in respect to survival of the extremity is considered in relation to medical and surgical therapy.

An attempt has been made to find a satisfactory method for testing pumonary efficiency in patients suffering from different types of emphysema. Several different methods have been tried but none has proved of great value. This work was carried out by Dr. Doidge, a research fellow in medicine, working in collaboration with Dr. Warner. A new type of mechanical support for relief of dyspnoea in emphysema has been evolved by Dr. Warner.

All cases of pulmonary abscess admitted to hospital in the past ten years have been reviewed by Dr. Warner with the object of determining the value of various forms of treatment. This review has shown that the results from present methods of treatment for lung abcess are unsatisfactory and indicates the need for practising all possible measures for its prevention.

In an effort to make the diagnosis of subphrenic abcess at an earlier stage, Dr. Doidge has made a careful review of the clinical findings in all cases of subphrenic abcess admitted to hospital in the past ten years.

The effects of various sulphites on the proteins have been studied by Dr. Campbell and Miss Hanna and this has resulted in the development of new methods for the easy separtion of albumin, globulins and fibrinogen of blood plasma. These methods are now being applied in the investigation of patients suffering from nephritis amyloid disease and other clinical conditions. A report of this work is in press.

The investigation on the therapeutic value and the physiological action of adrenal cortical extract has been continued and extended this year by Dr. Cleghorn and Mr. Armstrong. It is encouraging to report that a number of cases of Addison's disease have been successfully treated by a highly potent, non-toxic extract prepared in the Connaught Laboratories under the direction of Dr. McHenry. A joint report on the properties and use of this extract, from the two departments, is in press. The generous co-operation of the Connaught Laboratories has made this work possible.

Drs. Cleaver and Maltby will publish shortly a valuable paper on the results in cases of gastric ulcer receiving medical treatment over a period of five years or longer.

Dr. R. C. Dickson is investigating the effect on the glucose tolerance curve of diseases of the liver and of the extra-biliary tract. He is studying also the nature of functional disturbances of the biliary tract.

Three years ago Dr. Hepburn published a report on the early results following total ablation of the thyroid in cases of angina at rest and of congestive heart failure. A follow-up of these cases has shown that the late results from this method of treatment are satisfactory in angina of rest but not in congestive heart failure.

Six years ago a patient suffering from ventricular tachycardia accompanied by shock and vomiting which prevented the oral administration of quinidine sulphate was given this drug intravenously with very satisfactory results. Since then nine other cases of ventricular tachycardia have been treated in this manner. Six of the nine patients are alive for periods up to four years after the first intravenous injection was given. Before this treatment was initiated only one case of a series of seven lived longer than fifteen days after the onset of the attack. A report on the use of quinidine sulphate intravenously in ventricular tachycardia was presented by Dr. Hepburn and Dr. Rykert at a recent meeting of the American Heart Association.

Dr. Hyland, in association with Dr. Botterell of the department of surgery, has made an analysis of the clinical findings in thirty cases of frontal lobe tumour. Evidence of the possible functions of the frontal lobe based on the clinical findings in this series of cases and on experimental findings in higher animals has been studied. A report will be published shortly.

Dr. Warner and Dr. Dauphinee have published a report on thrombosis of the coronary sinus in a case of thrombophlebitis migrans. The report is of special interest in that it is the first case of thrombophlebitis migrans in which the clinical diagnosis of thrombosis of the coronary sinus was confirmed at autopsy.

Dr. Trevor Owen is making a clinical study on patients suffering from migraine. He has presented a preliminary report on the diagnosis and treatment of this distressing condition.

Department of Medical Research, under direction of Professor F. G. Banting

Dr. D. A. Irwin and his co-workers have continued the study of silicosis both as a departmental problem and in co-operation with the Silicosis Research Committee of the The Ontario Mining Association, and with the McIntyre-Porcupine Mines. Temporary quarters have been built on the roof of the Banting Institute to enable the dusting of experimental animals under conditions similar to those encountered industrially. Special attention is being paid to possible preventive measures.

Miss H. Williams is investigating the extent to which tissues are capable of leaching various silicates.

Mr. W. M. Gray has furthered the X-ray diffraction method for the quantitative estimation of quartz in dust and has analysed many samples in the past year.

Mr. H. L. Collins is engaged in the study of the effect of various compounds on the solubility of silica.

Dr. L. M. Gray has made an experimental study of fat embolism.

Dr. D. D. Bonnycastle, in co-operation with Dr. A. W. Farmer of the department of surgery and Dr. D. A. Irwin, has investigated the toxic substances that have been demonstrated in the urine of patients suffering from burns.

With the co-operation of the department of radiology, D. W. R. Franks and Miss M. M. Shaw have shown a synergism between the toxic action of glyceric aldehyde and X-ray on tumour.

Dr. W. R. Franks, assisted by Mr. A. Duncan, has successfully worked out the photoelectric analysis of certain dusts. They also found that the efficiency of the Konimeter parallels that of the dust retention of the lung.

Dr. Franks and Mr. H. J. Creech synthesized a chemoantigen for dibenzanthracene and protein and studied its serological properties. The influence of this antigen in calling forth an immunity to the carcinogenic activity of such substances is being studied.

Dr. Franks and Mr. L. D. Proctor have developed a clinical method for the measurement of blood glyoxalase. With the co-operation of the departments of medicine and psychiatry and with the technical assistance of Miss G. Mulholland, a clinical survey of blood glyoxalase in disease has been conducted.

Dr. Franks and Miss Shaw are studying the influence of focal infection, and control of deposition of intercellular substances by avitaminosis C, in the formation of the silicotic granuloma.

In tissue culture Dr. E. M. Hearne has studied the action of various carcinogenic hydrocarbons with special reference to cell division.

Dr. G. E. Hall is continuing study on the general problem of cardiovascular disease, in collaboration with different members of the group.

Dr. Hall, Mr. G. W. Manning and Dr. Banting have continued the investigation of the effects of chronic stimulation of the vagus nerves in dogs, in relation to the general cardiovascular problem under investigation in the physiological division.

Dr. Hall and Mr. Manning have studied the physiological and pharmacological effects of various vagomimetic drugs on the cardiovascular and upon the vagus enzyme systems. With Miss Lang, they have extended this study to the effects of autonomic stimulation upon the secretions of the pancreas, thyroid, liver and pituitary gland.

Mr. Manning and Mr. L. Brock have devised a new apparatus for continuous intravenous injections in the unanaesthetized and unrestrained animal. They have likewise devised a sequence timer slip-ring-contact unit for continuous nerve stimulation in the unrestrained animal.

Dr. Hall and Mr. Manning have continued the study of chronic and semi-chronic injections of acetylcholine in the study of myocardial and coronary artery disease.

The effects of atropine and acetylcholine injections for long periods of time have also been investigated.

Mr. Manning has investigated the coronary artery distribution in the hearts of many species of animals and has supplemented this study by preparing injected and cleared specimens of these hearts.

Dr. Lucas and Dr. Hall have studied the choline esterase activity of normal and pathological human sera. In attempting to correlate this ensyme with the vagotonic state Dr. Lucas and Dr. Hall have studied the choline esterase and other esterases, activity of the area from many species of animals towards various substrates. Further work on this problem is being carried out by Dr. Hall, Miss Land and Dr. Lucas.

Mr. Manning and Dr. Hall have studied the electrocardiographic and pathological changes resulting from experimental ligation of various branches of the coronary arteries in dogs. The physiological extent of such lesions has been confirmed by perfusion and clearing experiments.

Dr. Hall, Dr. Banting and Dr. Cleghorn (of the department of medicine) are investigating the production of cardiac and gastrointestinal lesions in adrenalectomized dogs.

Dr. Cleghorn (Medicine) and Dr. Hall are studying the electrocardiographic changes in experimental adrenal insufficiency following various therapeutic measures. Dr. Hall and Dr. Manning are studying the effects upon the heart and its responsiveness to vagus stimulation and para-sympathetic drugs in the stellate ganglionectomized animal.

Dr. Hall is studying experimental nephritis, produced by the injection of heterogenous sera from ducks which had received many injections of kidney tissue extracts.

Dr. H. F. Richardson, Dr. B. C. Coles and Dr. Hall have studied the effects of intravenously injected air in relation to a general departmental problem on embolism. These workers have also studied the effects of injected solutions of lysol, soaps, etc., as are commonly used in the production of abortions.

Dr. Hall is studying the effects of intravenously injected oxygen, nitrogen, carbon dioxide and air upon the gaseous exchange in the lung with the therapeutic use of intravenous oxygen in mind.

Mr. J. E. Goodwin has constructed amplifying and recording units, both of the permanent and portable types used in these investigations.

In conjunction with Mr. D. P. C. Lloyd, Mr. Goodwin has constructed amplifiers, time sequences, etc., to complete the cathoderay oscillograph unit which they have assembled. With this unit Mr. Lloyd has continued studies begun at Oxford on the physiology of abdominal ganglia as revealed by analysis of their action potentials following electrical stimulation. The fibre pathways through the inferior mesenteric ganglia have been determined.

Mr. Lloyd is studying the action potentials of localised areas in brain and cord by means of the cathode ray oscillograph and stereotoxic electrode.

Mr. Lloyd and Dr. Hall are studying action potentials of different areas in brain, the electroencephalogram and the general cardiovascular condition in animals with experimentally produced convulsions and brain lesions.

With Dr. Alan Brown and Dr. Hawk, of the Hospital for Sick Children, Mr. Lloyd, Mr. Goodwin and Dr. Hall are studying the electro-encephalograms of epileptic and behaviour problem cases from that Hospital.

With Professor Duncan Graham and Dr. Hyland, of the department of medicine, Mr. Lloyd, Mr. Goodwin and Dr. Hall are to study the electro-encephalograms of hospital patients suffering from migraine, epileptiform convulsions and many other neurological conditions. This group, in conjunction with Dr. McKenzie and Dr. Botterell, will extend their studies to brain tumour cases—correlating the preoperative electro-encephalo-gram with records taken from the exposed brain during operation.

Mr. H. Davidson, Dr. Banting and Dr. Hall are studying (with the co-operation of Dr. Duff, department of botany) the mechanism which protects certain plants from the toxic effects of their own alkaloids.

Dr. C. C. Lucas, head of the biochemistry division of the department, has been on leave of absence since July 1st, 1936. He is working under Professor Harington, University College, London, England.

Mr. L. B. Macpherson is studying the source of amino-ethyl phosphoric ester and the phosphatase activity in tumour tissue.

Mr. J. K. Watson has synthesized and identified a series of new ortho silic acid esters of the higher alcohols.

Mr. F. H. Lawford made a chemical investigation of the acid-fast fraction of tubercle bacilli. He also prepared a number of ferricyanide compounds for Dr. Bruno Mendel.

Miss H. Ball has investigated the fat-splitting enzyme of acid-fast bacilli.

In September, 1936, Dr. Bruno Mendel was appointed an assistant professor to the department without salary. Dr. Mendel brought his entire laboratory equipment and a fund which pays for his two assistants and all other expenses in connection with his work. He is studying immunity to experimental tumour.

Mineralgy and Petrography, under direction of Dr. T. L. Walker

Owing to the illness of Dr. Walker during the year and the impossibility of securing a suitable supply to take over some of the more advanced work the remaining members of the staff were forced to devote most of their time to routine work so that the principal part of what might be called research consisted in the preparation for publication of results that had been secured by research prior to Dr. Walker's absence from the laboratory. On the whole it may be said that the staff merely carried on most faithfully the most urgent part of the work that they would like to have done.

Professor A. L. Parsons completed a study on two-circle calculation in the hexagonal system of crystals.

Professor Ellis Thomson has completed and summarised his studies on the telluride minerals in Canada.

Dr. V. Ben Meen has partially completed an investigation of what appears to be a new mineral from the region near Bancroft, Ontario.

Mr. W. L. Brown completed his work on luminescence in minerals and the final summary of his work is now ready for publication.

Mr. A. S. Dadson has completed his studies on the relationship between the potential of minerals and ore desposition, and the first part of this is now being published.

The fossil insects discovered by Dr. Walker in 1933 in the amber from Cedar Lake, Manitoba, have been described by Dr. F. M. Carpenter of Harvard University, Professor C. T. Brues, Harvard University, Dr. O. A. Johannsen, Cornell University, Professor M. W. Boesel, Miama University, Dr. A. C. Kinsey, Indiana University, Dr. J. W. Folsom, United States Department of Agriculture, and Dr. H. E. Ewing, United States Department of Agriculture. Their finished work will shortly appear in University of Toronto Studies, Geological Series.

The work of the department has been further supplemented by colleagues and former students of Dr. Walker who as a mark of their esteem have contributed as shown below to "Contributions to Canadian Mineralogy" for 1936-37.

Cooke, H. C. (Geological Survey of Canada). An Unusual Hypersthene from Lake Athabasca, Saskatchewan.

DeLury, J. S. (University of Manitoba). Diversification of Ingneous Rocks.

Ellsworth, H. V. and Jolliffe, F. (Geological Survey of Canada). Some Recently-Discovered Minerals of the Great Slave Lake Area. N.W.T.

Poitevin, E. (Geological Survey of Canada). Thomsonite from the Eastern Townships, Quebec.

Gynaecology and Obstetrics, under direction of Professor W. A. Scott

In order to make a more extensive study of our obstetrical material, responsibility for the compilation of data on various phases of work at the Burnside has been made the individual responsibility of a certain number of members of the staff. Dr. Henderson is responsible for heart disease in pregnancy, Dr. Mann for occiput posterior cases, Dr. Goodwin for stillbirths and neonatal deaths, and Dr. Low for Caesarean section.

The clinic for the study of all cases of suspected disproportion has been instituted and is under the supervision of Dr. Scott and Dr. Cosbie. Dr. Cosbie and Dr. Mann are carrying on the work, in the radiological department, of cancer of the genital tract in collaboration with the Institute of Radium Therapy. Dr. Cosbie and Dr. Richards have published one paper and a second is being prepared by Dr. Cosbie and Dr. Henderson.

Dr. M. C. Watson, who has been given a hospital appointment in the Out Patient Department, is continuing his study of the female endocrines in conjunction with Dr. Marrian. He has published two papers on clinical aspects of his work and a third is in preparation.

Dr. Henderson has continued to carry on the work for the obstetrical department of the combined Cardiac-Obstetrical Clinic which is conducted in conjunction with the department of medicine. He read a paper on this subject at the Canadian Medical Association last June.

Dr. Goodwin has completed his study of the anthropological factors in relationship to labour and this is now ready for publication.

Department of Ophthalmology, under direction of Professor W. H. Lowry

We have had one hundred and thirty-five specimens sent to us for examination and report, which is a considerable increase over last year. Among these there have been many interesting speciments which we have added to our museum.

Dr. Johnston is continuing his investigation of the fluid obtained from the numerous cases of detached retina that we are seeing.

Dr. Morgan has perfected a method of transplanting corneal tissue in rabbits and we are now looking for a suitable patient who is willing to allow him to transplant clear cornea to replace a scarred cornea.

Department of Pathology and Bacteriology, under temporary direction of Professor W. L. Holman

The staff has deeply felt the loss by death of its great director Oskar Klotz, but all have co-operated to the utmost in attempting to overcome the absence of his leadership.

Dr. P. H. Greey has studied the use of sulphanilamide compounds in animals injected with virulent haemolytic streptococci and has co-operated with the staff of the Toronto General Hospital in using these substances in treatment. He has also done research work on the synergistic action of streptococci and staphylococci in progressive ulcerative lesions of the skin. The work on the isolation and growth of the gonococcus carried out by Dr. Greey and Dr. J. E. Josephson has advanced the accuracy of the diagnosis in infections with this microorganism. Dr. R. Margarite Price is continuing her valuable studies on tubercle bacilli and had encountered a number of instances of cutaneous infection which is rather rare in Canada. Her investigation of bovine tuberculosis in man shows in the last decade a diminution in the incidence, which would seem to be chiefly due to the widespread use of pasteurization of milk and to the elimination of tuberculosis in cattle. Dr. Marion Ross has investigated some interesting examples of cannibalism among bacteria and has particularly studied the problem of improving the methods of demonstrating to the large student classes in baceriology. The department has continued to collaborate with the department of pathological chemistry in the study by Dr. S. H. Jackson of carbohydrate metabolism and staphylococcus infections in the skin. Dr. E. Chant Robertson, in co-operation with the department of paediatrics, finished her studies on "Low Mineral Diets and Intestinal Stasis". This constituted her thesis for the Ph.D. degree.

In pathology a new method of presenting fresh surgical material to the sixth year students was developed this year in co-operation with the department of surgery. The material was shown to small groups by Dr. F. G. Kergin, fellow in surgery, who correlated the clinical and gross pathological findings, the microscopic sections of the previous day's work being demonstrated with a projection microscope by Dr. D. F. Moore, assistant in pathology. This proved a valuable and popular addition to practical teaching in the final year. In the fifth year the interest of the students has been aroused by a new method of presenting the gross autopsy material. All the specimens from two or three complete autopsies are shown to groups of about fifteen students with nothing but anatomical comments, and this is followed by building up the pathological findings through individual questions and discussions but the clinical history is not divulged until the end. A similar method was found to be equally valuable for presenting fresh gross material in the fourth year. A change in our autopsy procedure has made possible the use of fifth year students. so that they now take a more active part in performing post mortems.

In the field of research, in addition to those of pedagogy in pathology, a remarkable amount has been accomplished when the time is considered that necssarily is given by the staff to teaching and hospital routine. Dr. J. C. Paterson has investigated certain problems of coronary thrombosis, which he is continuing in Regina, Sask. with the assistance of material sent him from this department. Dr. R. P. Douglas, in collaboration with Dr. W. L. Robinson, has studied the filtration of bacteria by the spleen and has co-operated with Dr. J. Mann of the department of obstetrics and gynaecology in work on fibrosis of the cervix, and with Dr. H. H. Hyland of the department of medicine on cerebral varices. Dr. G. Lyman Duff and Dr. J. D. Hamilton have studied the effect of tyramine on the vascular system and Dr. Hamilton has also worked on the blood dyscrasias. Dr. M. O. Klotz has carried out a very extensive study of the relationship of carcinoma and silicosis of the lung.

In the division of neuropathology under the direction of Dr. Eric A. Linell there has been a steady increase in the amount and value of the neurological material for investigation and report, from sources outside the Toronto General Hospital. The specimens illustrating the effect of head injuries on brain tissue collected through close collaboration with Dr. W. L. Robinson are being documented and studied. An experimental investigation of peripheral nerve-suture with the use of nerve-grafts is being carried out in collaboration with Professor W. E. Gallie and Drs. W. S. Keith and J. Sullivan. Dr. R. C. Laird is studying experimentally the effects of X-ray treatment on areas of injured brain tissue. Dr. Mary I. Tom is continuing her investigation of the histological changes which accompany softening of the brain, and Dr. Linell and she are investigating the relationship of increased blood-pressure to changes in brain-tissue. Dr. K. G. McKenzie read a paper in Philadelphia, before the Harvey Cushing Society, of which he is President, on extradural haemorrhage, illustrated by material from this division.

Paediatrics, under direction of Professor Alan Brown

A study was instituted about 1929 on the cause and means which could be taken for the prevention of acute summer diarrhoea which is so prevalent in Toronto during the months of August and September. Largely as a result of these studies, the infant mortality rate on the Infant Ward of the Hospital for Sick Children was reduced from 39 percent in September 1931 to 32 percent in September 1933, 16 percent in 1935, and to the lowest figure of all, 14 percent in September 1936. This reduction in mortality is not only due to better treatment of the disease but to increased knowledge as to how to prevent the disease. A more efficient method for the treatment of tetanus has been evolved in the department during the past few years. From 1924 to 1929 there were 15 cases admitted to the Hospital for Sick Children with only two recoveries. During the past seven years there have been 24 cases admitted. with no less than 13 recoveries, or over 50 percent. while two of the last three cases admitted have recovered. In other words, if a child develops tetanus to-day his chance of being saved is many times that of a few years ago. Similar results are being obtained with influenzal meningitis. From 1919 to 1929 there were 70 cases admitted to the Hospital. with only one recovery. while from 1930 to 1936 there have been 36 cases with 10 recoveries. As shown by the records of the Hospital, the number of cases of rickets. a disease which can be prevented, has been reduced from 121 cases in 1920 to only 4 cases last year.

On the evening of January 23rd. the opening exercises of the Department of Psychological Medicine were held at the Hospital for Sick Children. This is a clinic for the mental care and adjustment of problems during childhood. The immediate medical staff is drawn from the full time staff of the department of paediatrics. As is well known. many of the mental defects of adult life have their beginning during childhood. In fact it might be said that most mental defects in adult life have their beginning in childhood. To be of the greatest value. a considerable portion of the work of this clinic must be in the treatment of what would be ordinarily considered minor problems of mental adjustment which if corrected early will result in the development of normal happy useful citizens but if allowed to go on in many cases would end with the individual in the juvenile court or even in the penitentiary. It is now realised that the mental care of the child is just as important as the physical care.

Pharmacology. under direction of Professor V. E. Henderson

The research in the department this year has been proceeding slowly. Dr. Lucas has further continued his studies of the absorption of iron and has contributed to a study of the utilisation of iron in the anaemic rat and in children. undertaken by the department of paediatrics. A joint paper is now ready for press.

Dr. Rice has made a study of a rare alkaloid. corlumine, and a shore communication is in course of preparation.

In conjunction with Mr. A. H. R. Smith. working under a grant from the Banting Research Foundation, an electrical method of recording pulse has been devised and with the aid of Dr. Rice, tested. A preliminary paper on the method is in course of preparation.

In conjunction with Mr. S. F. MacDonald. a study has been made of anaesthesia with the dimethyl and monomethyl cyclopropanes, but unfortunately these compounds appear to be unstable in the animal body and show gradually increasing toxicity. so that our hopes of finding an improvement on cyclopropane have not been fulfilled.

Dr. Lucas. with my aid. has been studying some of the reactions of adrenalin with living tissue and very interesting data have been obtained. whose interpretation is not at present possible but the whole study again reveals our lack of knowledge of the reactions of adrenalin with tissues and the mode by which it acts. This study will be continued.

Physics. under direction of Professor E. F. Burton

During the summer of 1936, Professor E. F. Burton. Professor H. Grayson Smith. and Mr. J. O. Wilhelm attended the Seventh International Congress of Refrigeration. held at The Hague, Holland. where a paper was presented by Messrs Grayson Smith and J. O. Wilhelm, on some of the low temperature work being done at Toronto. Professor Burton acted as president of Section 1 during the first session.

Low Temperature Laboratory:

The work in this division is being carried out by Professor H. Grayson Smith. Mr. J. O. Wilhelm, Kenneth Mann, A. H. Woodcock, E Bromberg, H. E. Johns, and A. R. Clark. The problems being investigated deal with the magnetic properties of the superconducting state; the influence of magnetic fields on superconductors; measurement of specific heats of various substances at liquid helium temperature; and the refractive indices of liquid oxygen, liquid hydrogen, and liquid helium in its two states, helium I and helium II.

Spectroscopy:

Work dealing with hyperfine structure of spectral lines has been carried out by M. F. Crawford, A. B. McLay, Richard Richmond, S. Bateson, and M. W. Johns. Dr. H. L. Welsh is continuing his investigation on the sensitive fluorescense set up in the vapours of other alkali metals by the sodium D line. Dr. L. B. Leppard is working on the absorption of light by liquid ammonia solutions of the alkali metals, and Dr. J. M. Anderson on the time of persistence of the metastable state of atoms.

During the latter part of the year Dr. S. Bateson has been carrying on some quantitative chemical analyses, by the spectroscope, for the Connaught Laboratories, on determination of zinc in animal tissue, under the direction of Professor H. J. C. Ireton.

Geophysics:

Last September Dr. Gilchrist carried out some geophysical investigations for the Tennessee Valley Authority, testing for subterranean faults in one of their dam sites. This work was commented on very favourably by those for whom it was done.

During the course of the year a request came to Dr. Gilchrist for a party to carry out some geophysical work which could only be done in the winter, by taking advantage of the fact that the lakes are frozen over and investigations can be carried out on the ice. In this way indications of the distribution of ore at the bottom of the lake can be made. In response to this request, Dr. Arthur Brant, accompanied by the following students who were taking regular courses in Geophysics,—IV Year Geology and Mineralogy, W. P. Corking and J. W. Britton, M.Sc., candidates in Mining Engineering, C. W. Tyson, and H. G. Waring, spent three or four weeks in Northern Ontario, and the results that they obtained seemed to be quite satisfactory to the Company interested.

During the month of June, 1937, Dr. Gilchrist, accompanied by K. C. Mann and A. R. Clark of Toronto, and M. J. Innes of Saskatoon carried out geophysical investigations for another of the Northern Ontario Mining Companies.

Colloidal Solutions:

Under the immediate direction of Professor Burton, L. T. Newman, and Miss A. M. Crutcher have been carrying out separate investigations in colloidal solutions, the former on the problem of measurement of the absorbed ions during the coagulation of colloidal solutions, and the later on the determination of the density of colloidal particles. Both of these students have been awarded scholarships by the National Research Council for Canada for the year 1937-38, in order that they may carry on this work.

Other Investigations:

Dr. Satterly, in co-operation with G. W. C. Tait, continued his investigation on the distribution of velocity along inclined jets of water, and a paper under this title was presented at the meeting of the Royal Society of Canada at its meeting in Toronto, in May.

Professor H. A. McTaggart has been continuing his work of films of oriented molecules, and has obtained some very interesting results on ellipticity of light reflected from these films.

The National Research Council of Canada gave grants to Professor Burton for two investigations:

The Measurement of the Velocity of Light using an Oscillating Quartz Crystal, carried out by D. W. R. McKinley.

The Electron Microscope, on which the work was carried out by C. E. Hall, during the first half of the year.

Professor C. Barnes contributed a paper to the Monthly Notices of the Royal Astronomical Society of Great Britain—On the Statistical Determination of the Masses and Parallaxes of Binary Stars.

Under the direction of Professor H. J. C. Ireton, Mr. W. M. Gray has been carrying out an investigation on the analysis for quartz of commercial dusts, by means of X-rays, an investigation which was supported by the Banting Research Foundation.

Mr. Chien-Kuo Cheng, who entered the Graduate School from the Central China College, Hangkow, has been carrying out very successfully, dielectric constant measurements on various solutions.

Mr. W. F. Oliver (McMaster) has been continuing his work on the crystal structure of condensates at low temperatures.

During the year the following students have been pursuing their work as holders of Fellowships or Scholarships:

M. W. Johns, Studentship from the National Research Council of Canada; L. T. Newman, Bursary from the National Research Council of Canada; K. E. Mann, Fellowship from the Sir John C. McLennan Bequest.

The following former students were awarded Scholarships during the year:

A. D. Misener—	1851 Exhibition Science Research Scholarship—now at the Cavendish Laboratory, Cambridge.
L. G. Cook—	The Gertrud Davis Fellowship—now at the Kaiser Wilhelm Institute of Chemistry, under Professor Otto Hahn, Berlin, Germany.
S. Levine—	The Royal Society of Canada Fellowship, 1937-38, proceeding to the Cavendish Laboratory, Cambridge.

Physiology, under direction of Professor C. H. Best

The introduction of new courses in biophysics and neurophysiology, conducted by Dr. D. Y. Solandt and Dr. E. H. Botterell, constitutes an important improvement in the teaching of physiology in this department. It is felt that the instruction given by these new members of the staff rounds out the course and fulfills a need which has been appreciated for some time. The success of the textbook "The Physiological Basis of Medical Practice", written by Professor N. B. Taylor and the head of the department, has been very gratifying. A very large share of the credit for the production of this book is due Dr. Taylor. The head of the department gave a series of eight lectures in California in May of this year. Addresses were given at Leland Stanford University, the University of California and at the University of Southern California.

The researches on choline and on protamine insulin have progressed favourably. Dr. C. W. V. McCutcheon has collaborated with the head of the department in these investigations. Dr. H. E. Woodward has secured very interesting results on the effects of diets deficient in choline, and on the oxygen consumption of liver slices. Dr. E. Fidlar, in collaboration with the head of the technical staff, Mr. F. L. Robinson, has made a large series of very important observations upon the basal metabolic rate and respiratory quotient of rats on diets deficient in choline.

Mr. L. B. Jaques, in addition to completing several undergraduate courses in medicine, has obtained some very interesting results on the mechanism of the clotting of blood.

The greater part of Professor N. B. Taylor's time during the past year has been occupied in preparing the text on applied physiology. Research in his section has been further handicapped by the loss of his two assistants, Dr. C. B. Weld and Dr. J. F. Sykes. Dr. R. E. Haist, having been awarded the George Brown Memorial Scholarship in Medical Science, came into the department in September to work with Professor Taylor. The loose ends of the work on calcium metabolism, which was interrupted last year, are being picked up. Work upon intestinal obstruction is also being continued, and a start has been made upon two other problems. The first of these is the effect of ergotoxine upon the central nervous system and peripheral vessels. The other study in project is the relation of the kidney to hyper-tension.

With regard to the latter problem, some time has been spent in attempts to devise a reliable method for the indirect determination of blood pressure in animals.

Research work in the biophysical and neurological aspects of physiology has been carried on by Dr. D. Y. Solandt, Dr. E. H. Botterell and Dr. C. G. Smith. Dr. Smith has been in the department of physiology for two years and has now received an appointment in the department of anatomy. This group has undertaken a variety of projects in the fields mentioned. Work on the specific effect of ionized calcium on the time-constants of nerve was reported at the October meeting of the Canadian Physiological Society in Kingston, and the clinical implications of the conclusions were discussed. The methods developed by Professor A. V. Hill and Dr. D. Y. Solandt at University College, London, for the measurement of time-constants in nerve have been applied to muscle, and interesting relationships between these values and the ionic environment of the muscle fibres have been found. The measurement of resting heat production, contracture heat production and the potassium ion concentration in the fluid environment of muscle has shown hitherto unsuspected connections between these factors. A method for handling and stimulating single striated muscle fibres and observing the alternation of the muscle "bands", reduced in speed by stroboscopic methods, is at present being developed. Experiments on the time-constants of excitation of normal and regenerated mammalian nerve in the intact animal are being performed. Isolation of these nerves in a moist chamber specially designed for keeping them in good condition during extensive electrical stimulation and the registration of the electrical concomitants of the resulting nerve impulses have been undertaken. Apparatus has been built for the electrical amplification of heart sounds and electrical filters have been designed to cut frequency bands for this sound. This same apparatus is useful for stimulating deafness due to functional discrimmination against specific frequency bands. The cathode ray electrocardiograph has been used for the direct observation of the electrocardiogram in humans and in laboratory animals under various conditions. The application of the cathode ray tube electrocardiography has been fairly widespread in England and in Continental Europe, but as yet has received little attention in North America.

Dr. E. T. Waters and Mrs. J. P. Fletcher have shown that not only is the rate of assimilation of glucose in normal animals increased by intravenously injected fructose, as judged by glucose tolerance tests, but a marked increase is also obtained in completely depancreatized dogs, receiving protamine insulin. This clearly shows that the fructose effect is not due to stimulation of the pancreas, but to increased carbohydrate activity of other tissues of the body, probably of the liver. This finding may provide a simple answer to the highly controversial question: Is fructose used by the diabetic patient more readily than glucose?

Studies on ragweed pollen sensitisation have been continued by Dr. A. H. W. Caulfield and Dr. M. H. Brown. It has been shown that the serum of a guinea-pig sensitised to ragweed pollen gave positive P.K. reactions in human recipients in the same way a serum from a human patient, naturally sensitised to ragweed pollen. This is of considerable theoretical interest as indicating an identity of antibody in two widely differing species. Also, the serum of a sensitised guinea-pig and the serum of a human ragweed pollen patient gave unmistakably positive P.K. reactions in the monkey. Renewed attempts to block anaphylaxis in ragweed pollen sensitised guinea-pigs, by means of the carbohydrate fraction of the pollen, have been completely unsuccessful. Tests were conducted on the isolated uterine strip and also on the intact sensitised animals.

Psychiatry, under direction of Professor C. B. Farrar

During the year liaison arrangements have been made with the departments of paediatrics, psychology and anthropology, both for the promotion of clinical work and the carrying on of investigations in which there are common interests. The department is collaborating with the Provincial Department of Health in the experimental investigation of hypoglycemic shock in the treatment of schizophrenia, and with the department of medical research in studying the biochemistry of acute excitements. The staff is represented in a consulting capacity on the staff of the newly established clinic for child psychiatry at the Hospital for Sick Children.

Psychology, under direction of Professor E. A. Bott

Sixty-seven graduate students took instruction in the department of psychology during the past session of whom ten were enrolled from five other departments of the University. Five candidates completed the requirements for the Ph.D. degree and eight received the M.A. degree. The names of these candidates and titles of their theses are as follows:

For the degree of Doctor of Philosophy:
- J. S. Glen: Ocular Movements in Reversibility of Perspective.
- Mrs. H. B. Hedman: An Examination of some Statistical and Psychological Principles of Factorial Analysis.
- L. L. McQuitty: An Approach to the Measurement of Individual Differences in Personality.
- C. R. Myers: An Application of the Control Group Method to the Problem of the Etiology of Mongolism.
- H. L. Pottle: An Analysis of Errors made in Arithmetical Addition.

For the degree of Master of Arts:
- Miss Marion Charles: Motion Pictures versus direct Observation—A Study of Method in Social Analysis.
- T. A. Fraser: Some Factors Influencing Lateral Choice in Perception.
- Miss M. Dale Harris: A Study of the Form and Content of Earliest Memories.
- Miss Mary McFarland: An Analysis of the Social Contacts of Fifteen Preschool Children.
- Miss Margaret E. Stirling: An Analysis of the Questions asked by a Group of Preschool Children in a Controlled Setting.
- V. S. Stevens: Prediction from Tests and Commercial School Records.
- Miss Dorothy G. Walker: The Determination of Certain Differences Between Successful and Unsuccessful Students.
- D. Carlton Williams: Some Behaviour Characteristics Associated with the Position of Youngest in the Family.

Five members of the staff received appointment to instruct during the summer session, 1936, in American and Canadian Universities: Professor W. E. Blatz at the University of Hawaii, Professor W. Line at the University of Iowa, Professor S. N. F. Chant at Mt. Allison University, and Professor J. D. Ketchum and K. S. Bernhardt at the University of Toronto. Dr. K. H. Rogers was appointed during the year as Director of the Big Brother Association in Toronto. He will remain as special lecturer on our staff and will continue to assist with the work of graduate students studying in the field of delinquency, Dr. Donald Snygg was appointed in June to the permanent staff of the department of psychology at the University of Missouri. Dr. Pottle will succeed him as psychologist to the Infants' Home, Toronto. Dr. McQuitty has served as psychologist at the Protestant Children's Home. Several other graduates have received appointments for work psychological in chacter, in clinics, nursery schools and in personnel branches in industry. Our staff and students are thus actively contributing in the public services.

During the past session the staff have been engaged upon special investigations. Equipment for photographic registration of eye-movements in reading has been installed and Professor Bott has conducted a preliminary survey with second year medical students which shows wide differences in reading proficiency and the need of further investigation and remedial training in the reading habits of students. With the co-operation of the staff in physiology electrical equipment is being installed for the study of human encephalograms.

Professor Chant has conducted research (1) on the measurement of attitudes and the development of quantitative procedures for evaluating personality adjustments, (2) upon the study methods and educational adjustment of university students, (3) upon the causes of motor accidents and the development of safety programmes, which is being conducted in co-operation with the Committee on Accident Prevention of the Canadian Public Health Association.

In addition to his supervision with thesis problems of graduates Professor W. Line has assisted in the Educational Division of the Canadian National Committee for Mental Hygiene with the preparation of a manual for Canadian teachers dealing with principles of mental hygiene in the public school.

Professor Cosgrave has inaugurated a vocational counselling service in the department in co-operation with a staff counsellor of a Toronto High School of Commerce. The necessary test materials have been compiled and twenty cases have been studied. A chief purpose will be the critical evaluation and improvement of existing procedures in the important field of vocational guidance.

Professor Bernhardt in collaboration with the staff of the St. George's School has developed motion picture methods for objectively studying and measuring the behaviour of young children with special reference to the analysis of social situations.

Surgery, under direction of Professor W. E. Gallie

The important experimental and clinical study of the effect of the administration of "heparin" has been continued throughout the year by Dr. Gordon Murray and his assistants. Up to the present this research has been financed by the Connaught Laboratories which have supplied the "heparin", and by the department of psysiology and the Banting Foundation which have financed special full time assistants. As the expense of providing heparin free to Dr. Murray has proved too great for the Connaught Laboratories to bear a collaspse of the experiment has been prevented by the generosity and interest of Mr. J. S. McLean of Canada Packers, who has undertaken to finance the supply of heparin at the Connaught Laboratories until the clinical study is complete. This study of the action of heparin in preventing thrombosis and embolism in surgical patients, which was suggested by Professor Best and assisted and encouraged by him at all stages has indicated the great value of interdepartmental consultation and co-operation. Both the departments of physiology and surgery see completion of the study a most important advance in scientific and practical clinical knowledge.

Therapeutics, under direction of Professor R. F. Farquharson

Dr. Neil MacGillivray was appointed research fellow in therapeutics. He has studied the results of therapy of all types of leukaemia treated in the medical wards of the Toronto General Hospital in the past ten years. An interesting report of his findings will be published.

As formerly, research work in the department of therapeutics has been closely associated with similar activities in the department of medicine. The active study of the results of therapy in pernicious anaemia is being continued, as is the study of parathyroid tetany and its treatment by continued use of large doses of irradiated ergosterol. Increasing attention is being given to the study of various endocrine disorders and their treatment.

Report of the School of Engineering Research

Following is a brief statement of the research activities of members of the staff in the School of Engineering Research during the past year.

Department of Civil Engineering

Under the direction of Professor C. R. Young

The final report on the investigation of the lateral support of steel columns has been in course of preparation during the year.

Under the direction of Professor T. R. Loudon

An investigation of the longitudinal stability and controllability of the single seat plane known as the "Pou" has been in progress. It was found that this plane was dangerously unstable and lacked controllability under certain gliding conditions. The results were published, and caution stressed in the use of this machine.

A preliminary investigation was made to determine the rudder area required to bring a plane out of a spin.

Department of Mining Engineering

Under the direction of Professor H. E. T. Haultain
(with W. T. Turrall)

Studies dealing with the fundamentals of the milling of gold ores were continued, more particularly with the problem of size analysis of very fine particles.

Under the direction of Professor F. C. Dyer
(with L. F. Gauvreau and T. Brant)

The research on the cleaning of seeds by a new application of an ore-dressing principle has been continued. particularly with respect to the separation of weed seeds on a large scale.

Under the direction of Professor J. T. King
(with D. P. Scott. Nipissing Mining Research Fellow)

A research on the chemical separation of precious metals was commenced. The causes of disintegration of gold in the ordinary parting process were investigated.

(with S. E. Wolfe)

The iron-nail method of assay was studied and encouraging progress made in the separation by the use of additional reagents.

(with S. E. Wolfe)

The investigation of methods for the determination of gold and silver in cyanide solutions was continued.

Department of Mechanical Engineering

Under the direction of Professor R. W. Angus
(with J. B. Bryce)

The research conducted last year with a model of the dam at the Abitibi Canyon was completed and has been published as a bulletin of the School of Engineering Research.

The investigation of water hammer was continued and a paper dealing with the subject has been presented to the Institution of Mechanical Engineers of Great Britain, and will be published in the Transactions of the Society. A second paper dealing with this subject will also be published by the American Society of Civil Engineers. Professor Angus has continued his investigation of this subject in Europe during the summer of 1937.

(with G. R. Lord)

An investigation of the dam at Spruce Falls has been in progress and experiments in connection with the investigation have been carried out in the laboratory for the purpose of determining what modifications should be made to avoid further erosion.

(with G. R. Lord)

Experimental work on cavitation and on the proper shape of the leading edge on a turbine blade was continued. An investigation was also made of the discharge coefficients for nozzles of different sizes and under various conditions. These results are useful in the measurement of the discharge of centrifugal pumps.

Under the direction of Professor E. A. Allcut
(with F. G. Ewens)

The properties of heat insulating materials and the influence of the size and thickness of test specimens were further investigated. The absorption of moisture by various materials was also studied and the results were published in Research Bulletin No. 149.

(with D. G. Watt)

A study was made of the transmission of heat from a heated tube to air flowing across it at different velocities and varying angles. This study was repeated with a bundle of tubes, the relative heat transmission of each tube in the bundle being measured.

(With B. S. Corbett)

An investigation was made on the flow of air through a mine model having two main ducts and a number of cross connections. In the latter, various baffles were placed and the distribution of air and pressure losses were measured at different velocities.

Department of Engineering Physics

Under the direction of Professor K. B. Jackson

The research on photographic sensitometry has been continued.

Department of Chemical Engineering

Under the direction of Professor J. W. Bain

(with K. Patrick)

The research on the constitution and properties of lignin has been continued, particularly with respect to the effect of ultra-sonic radiation in the depolymerization of lignin, the oxidation of lignin, and the xanthate of lignin.

Under the direction of Professor M. C. Boswell

A paper was presented at the annual convention of the Canadian Chemical Association, dealing with various methods for producing a catalyst for the reduction of sulphur dioxide to elementary sulphur by hydrogen, by carbon monoxide, and by carbon monoxide and steam.

(with W. H. Rapson)

The study was continued of methods of synthesis of methylated compounds.

(with R. K. Iler)

A paper was presented at the annual convention of the Canadian Chemical Association dealing with experimental results obtained in this laboratory regarding the properties of hydrated nickel oxide and the relation of particle size to the temperature at which the hydrated nickel oxide has been heated.

(with H. L. Sandford)

A paper was presented at the annual convention of the Canadian Chemical Association dealing with experimental results obtained in this laboratory regarding the fractional oxidation of hydrated ferrous sulphide and the quantitative synthesis from it of a catalyst for the reduction of sulphur dioxide to elementary sulphur.

(with G. P. Beal)

A paper was presented at the annual convention of the Canadian Chemical Association dealing with experimental results obtained in this laboratory regarding the use of easily dissociated compounds of some organic bases with sulphur dioxide for the recovery of sulphur dioxide from gas mixtures.

(with W. H. Rapson)

A paper was presented at the annual convention of the Canadian Chemical Association dealing with experimental results obtained in this laboratory regarding the methods for increasing the yield of oxalic acid in the fusion of cellulose with sodium hydroxide.

Under the direction of Professor E. G. R. Ardagh

(with W. H. Bowman)

The research into the reactions of thiophene has been continued. At the same time Mr. Bowman has been engaged upon an investigation of certain properties of the unsaturated fatty acids, and presented a paper on this subject at the Canadian Chemical Convention held in Niagara Falls, Ontario, in 1936.

Under the direction of Professor E. A. Smith

The research on the relation of the adsorptive properties of silk to fibre structure has been continued. A paper dealing with this work will appear in the Canadian Journal of Research.

An investigation of the density of water adsorbed on silk has been in progress.

A research on the mechanism of the dyeing of silk has been continued.

Under the direction of Professor R. R. McLaughlin

A research on the ageing of vulcanised rubber due to the presence of copper and of copper salts has been in progress.

Department of Electrical Engineering

Under the direction of Professor H. W. Price

A group of papers is in preparation regarding automatic regulation of rotative speed and alternating current frequency, and related problems.

Under the direction of Professor V. G. Smith
(with J. E. Reid)

A theoretical and experimental investigation has been in progress respecting the division of transformer leakage reactance into primary and secondary components, a matter of growing importance in regard to the operating characteristics of certain types of transformers.

Report on Research in the Faculty of Dentistry

Although research has been limited through lack of funds, yet considerable investigation has been proceeding within the faculty.

Of the staff members, Dr. F. M. Lott is continuing his study of the kinematics of the human mandible in relation to the form structure and movement of teeth, with special reference to the movement of the temporo-maxillary joint. In the department of prosthetic dentistry, the study of the adaptabibity of glass as a denture base is being carried further.

In the department of periodontology, Dr. Harold K. Box reports that 700 pH determinations of human saliva, freshly secreted from the ducts of the parotid, sub-maxillary and sub-lingual glands were made. Tests of the pH of the contents of the gingival crevices were also made. The relationship of these findings to the clinical conditions present, especially erosion of enamel and calculus formation, was studied. The study of the extrusive influence of epidermal processes on the teeth, undertaken the previous year in this department, was continued.

Dr. G. B. Shillington in the department of preventive dentistry made a study of the relation of vitamin C deficiency to dental disease, with special reference to animal experimentation, and has made considerable progress. This work was under the direction of Dr. A. W. Ham. Miss Doris Berry is developing a method for the determination of phosphatase in saliva, and is testing patients to see if there is any relation between phosphatase activity of the saliva, and their susceptibility or immunity to dental caries.

Further investigations have been conducted by graduates proceeding to degrees for research. Dr. David P. Sutton has devoted half time to a study of the changes in the tooth and periodontium caused by sustained injury to the epithelium attachment at the base of the gingival crevice. Dr. M. N. Rockman is directing his attention to the subject of radiography as applied to dentistry, and in the larger field of radiation. Dr. R. L. Twible is giving a limited amount of time to a study of refractory materials, with the intention of applying it to the use of glass in making dental restorations.

Two interesting studies have been inaugurated during the session. In co-operation with the Infants' Home, a study of the control of caries in the mouth of fifty infants under six years of age is being carried on and these children will continue under observation for some years. Dr. A. S. MacGregor is assisting the department of preventive dentistry in making this investigation. At the Ontario Hospital, Queen St., Toronto, Dr. Roy Ellis has been devoting a limited amount of time to making a study of the relation of oral conditions to mental disease.

We have gratefully received $200 from the Royal College of Dental Surgeons of Ontario and $200 from the Canadian Dental Research Foundation to assist in the furtherance of research work.

Report of work carried on under the wind tunnel committee

During the past year, from June, 1936, to June, 1937, the following work has been done in the wind tunnel.

A research was conducted on the performance of the single seat plane known as The Pou. The results of this research were published as they were obtained, and undoubtedly saved many lives.

During the winter, a research was conducted by G. S. Levy on the amount of rudder required to bring a plane out of a spin. A definite conclusion could not be arrived at but the results of the experiments were used for a thesis on which Mr. Levy was granted his M.A. degree. I am pleased to report that Levy proposes to go to Cambridge University in England to continue aeronautic work.

Mr. P. Gooch also worked in the wind tunnel on the assembling of some apparatus, this work being part of that required for his M.A.Sc. degree which he obtained at the recent Convocation. I am very pleased to report that this candidate received two offers to go into designing offices of aeroplane plants in Canada. He is at present doing very well with the de Havilland Aircraft of Canada Ltd.

The two students in the third year engineering physics course who are specialising in aeronautic work also did a certain amount of work in the tunnel and will be very well grounded to carry on the problems of the fourth year. It is of interest to note that both these students are employed by the de Havilland Aircraft of Canada Ltd. for the summer months.

A research is being conducted at present for the Dominion Meteorological Service of Canada on the calibration of thermometers at various wind speeds.

I am also pleased to report that the National Research Council has suggested a problem which will be commenced—I hope at an early date. I am also hoping to investigate the effect of carrying canoes on aeroplane wings as is sometimes done in Canada. This problem has not been gone into: although the National Research Council did investigate the carrying of canoes strapped to the fuselage, the information of which has been placed at my disposal.

(14) PUBLICATIONS

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(15) REPORT OF THE DIRECTOR OF UNIVERSITY EXTENSION AND PUBLICITY

(*W. J. Dunlop, Esq., B.A., B.Paed.*)

During the session 1936-37 more attention has been given than in previous years to visiting collegiate institutes and high schools, addressing students and endeavouring to give them personal advice in the choice of courses. Principals welcome these visits in the most cordial manner and from the pupils themselves there is a remarkable response. The young people in the secondary schools have very little knowledge of the courses offered by the University and they do not know how to obtain the necessary information. Many of them seem to regard the University with a certain amount of awe and dread until they actually meet and hear a member of the staff. Then they are more than willing to ask questions and to say what courses they would like to follow. Among these young people there are some able students, occasionally brilliant students, who have no thought of attending the University because they are perfectly sure that their parents cannot afford the cost of a university course. These young men and women have never heard of scholarships, bursaries or loan funds which might solve the problem for them, at least partially. Very few of them have heard of the newer courses established in recent years by the University. To perform the service that is required means a full half-day in each collegiate institute or high school—and there are 69 collegiate institutes and 156 high schools in Ontario! But this seems to be a most fertile field and one which the University should cultivate intensively. Not only is an important and necessary service rendered the young men and women, but public opinion favourable to the University is gradually built up. It is difficult to say whether this form of service can be included under "Extension" or "Publicity". But it really should receive a great deal of attention, not only in the interests of the University but in the interests of the future citizens of this Province.

The administration of the pass course for teachers is one of the most important functions of the Department of University Extension. In that respect, this department has now become a reasonably large Arts College. 653 teachers and others who are employed during the day attend Teachers' Classes throughout the winter and most of these wrote their examinations in May with reasonably good results. 542 teachers attended the Summer Session and made some progress toward the degree of Bachelor of Arts. In the course for prospective specialists there are 37 teachers and in the course leading to the degree in pedagogy there were 126 teachers. This service for teachers increases in size and importance each year. Most teachers are attracted to a course which demands a high standard and they seek a degree which has prestige.

It should not be necessary to say (but perhaps it should be said) that teachers never ask that the standards be lowered for them; they ask only that the necessary instruction be made accessible in order that they may take advantage of it without the necessity for giving up, even temporarily, their means of livelihood. There is no more substantial work being done in adult education than the provision of courses for teachers. As the years go on, graduates of our pass course for teachers are obtaining some of the highest posts in the educational field.

The Committee on University Extension would like to restrict the first year class in occupational therapy to an enrolment of twenty and the first year class in physiotherapy to fifteen. This may be difficult but it seems necessary if the available accommodation is not to be overtaxed. This session there have been 45 students in the two years of occupational therapy and 41 in the two years of physiotherapy. The demand for trained therapists of both types has been well maintained and seems recently to be increasing. The young women who graduate in these courses are well qualified to render an important public service and they are also equipped to earn a reasonably good living.

From time to time one hears that the single extension lecture is not of any value because there cannot be any continuity in the instruction imparted and that any benefit derived from such a lecture is purely ephemeral. Those who listen to extension lectures, even to only one lecture, would not agree with that dictum. Nor would those members of the staff who deliver the lectures. It may be that extension lectures involve for the lecturers some inconvenience and some loss of time from their other duties. But most members of the university staff respond without any demonstration of reluctance to invitations received from organisations in distant localities because they feel that citizens of the Province are entitled to this service (after all, they own the University) and because the professors themselves frequently get a fresh viewpoint, the viewpoint of those outside the University, when they mingle with men and women in other walks of life. On the other side of the picture are those who listen to extension lectures. If one may accept as evidence the letters received from secretaries of societies to which lectures have been given, the verdict would be that extension lectures are both profitable and enjoyable. The total number of Extension Lectures was 199, which were distributed as follows: Barrie, 3; Bowmanville, 2; Brampton, 10; Brantford, 1; Cleveland, 1; Coboconk, 1; Cobourg, 6; Elora, 2; Fergus, 1; Flesherton, 1; Guelph, 3; Hamilton, 7; Hanover, 2; Harriston, 1; Lindsay 2; London, 1; Millbrook, 1; Morrisburg, 1; Napanee, 2; Niagara Falls, 9; North Bay, 2; Orangeville, 1; Ottawa, 4; Parry Sound, 1; Peterborough, 10; Port Hope, 1; St. Catharines, 4; Sarnia, 5; Sault Ste. Marie, 6; Simcoe, 2; Stratford, 2; Toronto, 89; Walkerton, 2; Weston, 6; Whitby, 1; Windsor, 5; Woodstock, 1.

The members of the staff who gave the Extension Lectures this year are as follows: W. J. Dunlop, 69; Professor N. A. M. MacKenzie, 25; Dr. V. Lange, 13; Dr. C. R. Myers, 12; Dr. K. H. Rogers, 12; Professor E. A. Havelock, 10; Mrs. John Creighton, 8; Dr. F. L. Barber, 5; Dr. F. S. Hogg, 5; Dr. E. J. Pratt, 4; J. Campbell McInnes, 3; Professor E. R. Arthur, 2; Dr. W. E. Blatz, 2; Dr. A. Brady, 2; Professor G. W. Brown, 2; Professor J. Cano, 3; Professor E. A. Dale, 2; Professor J. A. Long, 2; Professor E. W. McInnis, 2; Dr. J. O. Wilhelm, 2; Professor E. J. G. Alford, 1; Dean J. G. Althouse, 1; Professor F. C. Auld, 1; Dr. K. S. Bernhardt, 1; Mrs. H. Bott, 1; Professor W. M. Drummond, 1; Mrs. H. Johnson, 1; Professor Wilson Knight, 1; Professor T. J. Meek, 1; Mr. T. Mustard, 1; Miss Harriet Parsons, 1; Dr. F. A. Smith, 1; Bishop W. C. White, 1; Mr. H. D. Wood, 1.

Evening Tutorial Classes continued to flourish and to increase in popularity. 3725 adults attended these classes during the session. The subjects in which classes were conducted were as follows: Accounting, advertising, art of vocal expression, astronomy, chemistry, contemporary history, cost accounting, economics, English composition and essay-writing, English diction and speech, English literature, French, German, gymnastics, dancing and swimming, history of the English language, house furnishings and decorations, heating, ventilation and refrigeration, internal combustion engines, industrial and business organisation, interior decorating, investments, Italian, journalism, mercantile law, metallurgy, modern international relations, music, newspaper writing, parent education, psychology, public speaking, purchasing, secretarial practice, Spanish, speech-reading, traffic and transportation, co-operation and mining matters.

For these classes there are no academic admission requirements and no examintions are held: the instruction does not lead to any certificate, diploma or degree. Those who attend these classes are all adults and they are seeking knowledge simply for its own sake, without any thought of monetary return or of improved status. Instruction is offered only in subjects which come within the scope of the University's curriculum and there is no overlapping with other institutions. Nowhere else in Canada has this form of adult education been perfected as it is here but one university in Western Canada began last year to offer evening classes of this type.

The Workers' Educational Association has had a good year and interest in its classes has been well maintained. The subjects of instruction have been: Economics, physiology, political science, composition, history, psychology, international relations, philosophy, sociology, public speaking, literature and current events. The centres in which classes have been operated during the session are: Beaverton, Brantford, Fergus, Galt, Hamilton, Kingston, Kitchener, Innerkip, London, Oshawa, Peterborough, Preston, St. Catharines, Stratford, Toronto, Windsor, and Woodstock. 953 men and 626 women were enrolled in these classes, a total of 1579.

As in former years, short refresher courses have been conducted in co-operation with the School of Nursing. There have been three of these courses and all have been well attended. The School of Nursing now wishes to carry on this activity under its own auspices without the assistance of this department and there seems to be no good reason why that should not be the procedure in the future.

For the second time a week's course in Public Administration was arranged but the time was changed from February to April. This year there were two sections in the course, one for those who had attended before and the other for those who had come for the first time. There were 65 in attendance and the course was most successful. A rather general request was received for two sections next year, one rural and one urban.

For some years correspondence courses have been operated for the Canadian Credit Institute, for the Chartered Life Underwriters Association, and, more recently, for the Certified Public Accountants' Association. These courses continue to be satisfactory in every respect and are apparently providing excellent facilities for young business men to improve their standing in their own occupation. The number enrolled in these courses this session have been respectively, 107, 126 and 54.

The Inter-University Debates were organised and carried on this year as they have been in the past and Professor J. F. Macdonald's book reviews continued to be a feature of the programme of the Canadian Broadcasting Corporation.

Each normal school in Ontario was visited during the year and the facilities offered by the University to the teachers-in-training were outlined.

University publicity has been rather more extensively carried on this year than in previous years. Almost every day there has been university news in the daily papers and the Canadian Press has assisted most effectively in supplying news items to daily papers throughout the Dominion. Articles have, as usual, been written for magazines, general periodicals, educational journals, and newspapers.

Totals are sometimes interesting. The total number of students who took continuous courses throughout the session was 7,622. Of these 4,345 were men and 3,277 were women. Naturally, this figure does not include all who took advantage of the facilities offered. For example, 33,597 attended Extension Lectures. For the past seventeen years, the number of adult students who work steadily in some definite course has gradually increased. Now the total is a rather substantial one. This session has been, in every respect, most successful.

(16) REPORT OF THE DIRECTOR OF THE DEPARTMENT OF SOCIAL SCIENCE

(Professor E. J. Urwick, Acting Director)

The Department has now completed the twenty-first year of its existence as a teaching department of the University. Its growth and, we trust, its usefulness have increased steadily. In the earlier years the number of graduating students seldom exceeded twelve; last session 47 diplomas were awarded to graduates. A higher standard of study has also been made possible, partly by the regulation now in force which requires that all students (except those specially qualified by experience) shall be university graduates, and partly by the generosity of the Governors in establishing an internal staff of five teachers. The Department also obtains invaluable assistance from other departments within the University, notably those of philosophy, psychology, political science, sociology, and public health nursing. It has thus become possible to provide an increased amount of specialisation to meet the needs of particular students, and to offer certain options in the regular curriculum.

At the same time, the extra-mural work of the students in the practical field has become rather more diversified, and opportunities are afforded to students to follow their special interests in such fields as mental health work, recreation and community organisation, in addition to the longer established activities connected with relief of distress, the care of children, the prevention of ill-health and delinquency, and the many other forms of organised social service, both public and voluntary. The Department is under an ever-increasing obligation to the responsible directors of all the important agencies in the city of Toronto and the Province of Ontario, and to the civic and provincial departments of Welfare, Health and Labour, for the assistance so readily given in the practical teaching of our students.

The normal course of two years' study is still adhered to for the majority of the students; but in the case of a small number who have had special preparation in their undergraduate courses (such as those who have graduated in sociology) arrangements are made by which the necessary work may be completed within twelve months.

(17) REPORT OF THE DIRECTOR OF THE SCHOOL OF NURSING

(Miss E. K. Russell)

In its effort to organise a satisfactory training for the public health nurse, this School is breaking new ground in the field of professional or technical education. This training must be provided because the very recently organised practice of preventive medicine—or public health work—has made it imperative that nurses be prepared to share in this work, and that they be prepared in a reasonably satisfactory and economical fashion. The task is not a simple one, and is made more complex by the fact that, in doing it, we cross the path of the traditional form of hospital training for nurses. However there is already a better understanding of both the purpose, and the extent, of the work and gradually the fact of the School's existence is being made known to the public. With this knowledge and understanding there is coming a better chance to enrol suitable students. The difficulties in the way of enrolment will be better appreciated when it is understood that the successful candidate for this work needs to be above the average in intelligence, in character and in personality and also must have financial backing that will enable her to pay for a three year training course.

In additional to this pioneer work—very definitely of the nature of educational research—the School is carrying an increasingly heavy load of teaching for graduate nurses. Very rapidly it has been called upon to serve as a central school for the whole Province and to it come large numbers of staff nurses from the other nursing schools, from the hospitals and from the public health field. With hospital and public health practice developing as rapidly as they are, some such provision for graduate study must be made. Altogether more than 500 students have passed through the School during the past year.

Visitors and students from abroad come to the School every year—also in increasing numbers. Throughout the twelve months of the year they come and go, absorbing much of the time of a limited staff, but also giving much in return. It is probable that the Canadian students that study in this environment are particularly fortunate in the matter of educational values.

The statistical report for the year is as follows:—

Undergraduate course in Public Health Nursing and General Nursing......	30
Graduate nurses in the certificate courses..............................	70
Occasional students, including undergraduates from Toronto hospitals......	172
Enrolment in refresher courses...	237
	509

(18) REPORT OF THE DIRECTOR OF THE DEPARTMENT OF MILITARY STUDIES

(*Brig.-Gen. G. S. Cartwright, C.B., C.M.G.*)

I have the honour to report as follows upon the work carried out in this department during the academic year, 1936-37.

The number of students taking Military Studies as an academic subject was disappointing; the second year being reduced to two, owing to the following reasons.—viz: two left the University, one transferred to Trinity College and two changed from general pass course (the only course in which Military Studies is included) to other courses. The enrolment in the special classes (Courses 4 to 7 in the Calendar) for War Office (O.T.C.) Certificates was very satisfactory.—100 registering in these.

I would again reiterate my contention that this course does not inculcate the desire for war, but, far from it, understanding what war means makes those who study it the soundest advocates for peace.

Great Britain having tried the experiment of setting an example in the way of disarmament found herself powerless to enforce peace and now, to strengthen her armed forces so as to be in a position to protect herself and to exert pressure upon other nations in order to preserve peace in the world she has launched a staggeringly heavy loan and is feverishly increasing her navy, army and air forces as well as organising the nation for the supply, etc. of munitions of war: in fact, as Sir Samuel Hoare—Civil Lord of the Admiralty—stated, compressing the work of 10 years into 2.

Canada is also taking steps to build up her defence forces; therefore, as in any great war (which all sane persons trust will not again occur to plunge the world into a futile, chaotic struggle) the demand for men trained as leaders will be most urgent, it seems only fair and just that all young men enjoying the advantages of a university education largely at the expense of the country, should consider it their duty towards the Empire to avail themselves of the training offered by the C. O. T. C. and the Department of Military Studies to obtain a primary knowledge of military science so as to fit themselves for the duties of an officer should the necessity arise.

Further, in taking up these studies a knowledge of map reading, history and geography of the British Empire and the requirements of leadership is acquired, all of which are valuable in any calling in civil life.

The fact that this year 100 students enrolled in the special classes, which are voluntary and are, therefore, carried out in the student's spare time, indicates a desire for instruction in military matters. I would, therefore, urge in this my last report as Director of the Department of Military Studies that this subject may again be restored as an option in the honour courses in the university curriculum.

The Military Studies courses prepare the students for the written portion of the examination for O.T.C. certificates, but the practical training is carried out in the C.O.T.C.; it is, therefore, hoped that as much encouragement as possible will be given to the University contingent of that corps.

(19) REPORT OF THE UNIVERSITY HEALTH SERVICES (MEN)

(George D. Porter, M.B., Director)

I.

The report of the year shows that there have been

Examinations:—

First year students	870
Second " "	701
Senior " "	526
Total	2097

There were also fourteen re-examined by specialists. The results of the examinations this year were very satisfactory. The physical condition of the students are excellent, only twenty-two being unfit for physical training, this is the best record we have ever had.

Results:—

Those found fit for physical training	96 %
Those having some disability requiring corrective or light exercises	2½%
Those unfit for physical training	1½%

Twenty-two students are exempted for the following causes:—

Operations	8	Duodenal ulcer	1
Infantile Paralysis	3	Arthritis	1
Heart trouble	2	Stone in Kidney	1
Bronchitis	2	Chorea	1
Sinusitis	1	Nephritis	1
Spinal trouble	1		

The average height of our first year students is 5 ft. 9¼ in. and their weight 143¼ lbs. This makes our highest average.

The following are causes of absence from physical training classes, for periods varying from one day to three months:—

Colds	182	Conjunctivitis	3
Influenza	61	Otitis Media	3
Bronchitis	11	Epistaxis	2
Pharyngitis	91	Haemorhoids	1
Laryngitis	11	Appendicitis	5
Tonsillitis	8	Sinusitis	2
Pneumonia	1	Migraine	2
Mumps	2	Gastralia	1
Chicken Pox	2	Arthritis	4
Gastritis	5	Vaccination	3
Enteritis	7	Hay Fever	1
Neuritis	3	Transfusion	2
Gastric Ulcer	1	Inoculation	1
Hernia	1		30
	385		

Injuries:—

Concussion	3	Sprains	29
Dislocations	6	Fractures	5
Abrasions	9	Cuts	32
Locerations	19	Burns	11
Blisters	14	Spinal Injury	1
	51		78

Skin Diseases:—

Eczema	2	Furunculosis	9
Pityriasis	1	Tinea	1
	3		10
Local Infection	24	Dental Trouble	5

Total.........................586.

Improvement in the physical condition of second year students is shown in the majority of cases. Twenty-five per cent. of those below category A.1. in their first year had their rating raised during the year, while only seven per cent. in all categories had their rating lowered. These latter were lowered owing to illness or accident during the year.

Ninety-eight students were enrolled in the special classes under Mr. Martin, for the correction of such defects as round shoulders, flat feet, and spinal curvature. Forty-six others were enrolled for periods of from one to six weeks on account of injuries or disabilities, and those recovering from illness which prevented their taking the regular P.T.

Apart from a widespread, but comparatively mild epidemic of influenza, the general health of the student body has been excellent.

During the year, a large number of students came in for treatment of injuries received on the campus, and in the gymnasium.

Dr. Charles Gossage attended these emergencies, between the hours of five to six-thirty o'clock, when accidents are most liable to occur. His services are greatly appreciated.

Personal advice to many students, and lectures on personal hygiene, to those in the first year were given by the Director of Health Service. These were well attended as they were last year.

We are greatly indebted to Prof. Andrew Hunter, professor of pathological chemistry, for undertaking the supervision of the urinalysis, in connection with the physical examination of students.

(19) REPORT OF MEDICAL ADVISER OF WOMEN

(Dr. Edith Gordon)

II.

I beg to submit the report of the Medical Adviser of Women for the year 1936-1937.

Physical examinations were made on 189 women students of the first year in University College, medicine, household science, applied science and dentistry who are required to take two hours weekly of physical training. Their physical condition was excellent, and only a small number were asked to take the corrective work in place of the regular, or else excused from active participation in physical activities. These latter were asked to report to the Medical Office twice a week for a rest period or a walk. Thus close supervision was given to those who most needed it. Students from the other years of these same faculties, and from the other colleges and departments reported for physical examinations to the number of 331. In addition, 34 students from the Margaret Eaton School were examined. 170 students playing in competitive games and sports were given examinations before participation in the games. Reexaminations of students throughout the year was made on those whose physical condition was not wholly satisfactory upon entrance. 47 of these were made, and the results were gratifying in nearly every case, as improvement could be shown.

The intercutaneous tuberculin tests made on the entering students showed a higher percentage of positive reactions this year, but the follow-up with X-rays of the chest did not bring to light any active cases of tuberculosis. Several students were followed carefully throughout the year because of the history of contact with active tuberculosis, or because the negative intercutaneous test of the previous year had become positive. By doing this, it is hoped to discover incipient disease.

The Medical Office is used constantly throughout the year by students of all faculties and years for consultations regarding problems of personal health. Considerable treatment of a very simple nature is given. The students are encouraged to report minor symptoms, so that diagnosis may be made early and treatment instituted at once. Many students are referred to their own physicians or to specialists. The Medical Adviser believes her work to be largely one of health education.

47 vaccinations were performed, and a few Dick and Schick tests made. 125 urinalyses were done. Through the courtesy of Dr. C. C. Benson of the department of food chemistry, several basal metabolic tests were made. The Medical Adviser is very grateful for this cooperation between departments. Dr. Melville Watson of the department of gynaecology has continued his work in dysmenorrhoea, and several students were sent to him for treatment with very satisfactory results in some cases. Miss Kathleen McMurrich of the department of anatomy made anthropometric measurements on 100 women students in the medical office for a research problem in centre of gravity. This and correlated statistical work should be a part of the work of the Medical Office, and much could be done if more assistance were available.

Three talks were given in November to the entering women on personal hygiene. Two courses of lectures were given to the students in the course leading to a diploma in physical education; one of 25 lectures in first aid and personal hygiene to the first year, and 10 in physical diagnosis to the fourth year. Four lectures in personal hygiene were given to the students in the Public Health Nursing course.

During the final examinations in May the Medical Office was open for students who were too ill to write their papers in the regular examination halls. Arrangements were made for them to write in the Medical Office. 63 women wrote 157 papers under the supervision of the Medical Adviser.

Physical Examinations, 1936-1937:

University College (entering students)	159
University College (others)	69
Victoria College	37
Trinity College	19
St. Michael's College	14
Medicine (entering students)	17
Medicine (others)	2
Household Science (entering students)	12
Household Science (others)	6
Dentistry	1
School of Nursing (three years course)	36
School of Nursing (one year course)	55
Social Science	23
Physiotherapy	8
Occupational Therapy	3
Ontario College of Education (Physical Training specialists)	40
Library School	1
Graduate Studies	11
Miscellaneous (Art, Music, Optometry)	7
Total	520
Margaret Eaton School	34
Total Examinations	554
Students required to take physical training; first year University College, medicine, household science, applied science and dentistry	189
Grades A1 and A2—physically able to participate in the required gymnastic and physical activities	86.2%
Grade B1—needing special corrective work	7.4%
Grades B2 and C—excused from physical training requirement because of some temporary or permanent disability	6.4%

(19) REPORT ON ATHLETICS AND PHYSICAL TRAINING

(*T. A. Reed, Mus.Bac., Secretary, Athletic Association*)

III.

The work of the department has been carried on under the direction of the director of athletics, Mr. Warren Stevens, with the assistance of Messrs. W. H. Martin, J. E. McCutcheon, W. W. Winterburn and Chas. Zwygard. In an endeavour to enlist more students in competitive activities, an intramural organisation was set up under the immediate control of Mr. McCutcheon who, for a committee, had the presidents from each of the undergraduate organisations of the thirteen colleges and faculties. The success of the venture was well exemplified in an increase of over 45 per cent. in the number of students participating as compared with the interfaculty competitions of the previous year. Two new activities were foul shooting (a phase of basketball practice) and figure skating under Mr. Zwygard. The committee met each week and discussed the many problems involved. They conducted the various interfaculty schedules, adjudicated on all differences and have made valuable recommendations to the Directorate for future guidance. The colleges and faculties donated a handsome trophy for annual award, this to be based on a point system not so much on the actual winning of awards but on the number of students (as compared with registration) who participated during the session. For the first year Trinity College was the proud winner with Applied Science second.

Compulsory Physical Training

This followed the usual programme based upon Danish gymnastics and with elementary apparatus and mat work. First year students were urged to take the Life Saving and Learn-to-Swim classes as part of their regular work and the usual options were allowed viz., competitive athletics in seasonal games and enrolment in the Canadian Officers Training Corps. It is worthy of note that in this last there was an increase of 20 per cent. 210 students voluntarily choosing that form of activity.

Enrolment

Men students enrolled in the first and second years			1821
From third and fourth years (being deficient in previous years)			17
From Wycliffe College			3
			1841
From this total must be deducted those:			
(*a*) With credit for two years physical training but repeating academic work	205		
(*b*) Exempt on medical and other grounds	49		
(*c*) Withdrawn from college during the session or registration cancelled	35		
(*d*) Failed to register	25		
		314	
			1527

These 1527 elected to take their Physical Training as follows:

In Physical Training classes		1142	
In the Canadian Officers' Training Corps		210	
In Special Classes for those unable to take regular work		85	
In the following Intercollegiate and Interfaculty sports (part time):			
Rugby Football	207		
Soccer Football	48		
Track	45		
English Rugby	8		
Basketball	216		
Hockey	151		
Indoor Baseball	139		
Boxing, Wrestling and Fencing	129		
Swimming and Water Polo	68		
Lacrosse	39		
Volleyball	84		
Gymnastics	36		
Jui Jitsu	22		
		1192	
		2629	
Less those participating in two or more activities		1102	
			1527

General Physical Training

This work was again conducted on the same basis as the previous year. Mr. Charles Zwygard conducting the majority of the classes on the gymnasium floor. Mr. Winterburn in charge of the swimming, Mr. McCutcheon the activities covered by the intramural programme and Mr. Martin the special classes and general supervision of the boxing, fencing, wrestling and gymnastic work.

There were twenty-four classes held each week on the main gymnasium floor and a similar number of special classes. Dr. Porter. the Director of Health Service. gave a series of health talks to the first year men which were largely attended and highly appreciated.

In swimming, thirty-three periods were held each week, viz. thirteen "Learn-to-Swim" classes with two hundred and six enrolled, and twenty for instruction in Life Saving of which three hundred and fifty-six took advantage. A special class for student volunteer leaders had an enrolment of eighteen. One hundred and eighty-seven students received the Life Saving awards of the Royal Life Saving Society of England.

Intercollegiate Athletics

The University of Toronto entered teams in all competitions. Of special moment was the winning of the coveted Yates Cup, emblematic of the championship in Senior Rugby in which Queen's University were worthy contenders to the last. The "Tom Gibson Cup," our Advisory Board's tribute to the memory of an outstanding graduate, brave athlete and soldier, was won by the team representing his Alma Mater, a notable victory for which credit must be given our honorary coach. Dr. Les. Black, Med. 1926, who, faced with mediocre material at the beginning of the session, rounded out a splendid team. Other championships were tennis, English rugby, golf, basketball, swimming and gymnastics in senior competition and tennis. track, basketball and swimming in intermediate. The University was represented by twenty-four teams, two hundred and eighty contestants wearing the Blue and White.

To obtain the necessary competition for our senior team, prior to intercollegiate competitions, several friendly alliances have been formed with sister institutions across the line through the influence of our director of athletics. In addition to the usual basketball pre-season trips and the International Intercollegiate Hockey League, which now seems to be firmly established, the boxing, wrestling and fencing teams visited Syracuse, Rochester, Buffalo, Alfred and St. Lawrence; the harrier team visited Alfred and the swimming team Rochester, Buffalo and Syracuse. In all these contests they gave a good account of themselves and upheld the traditions of our University.

Special mention should be made of the showing made by Larry O'Connor, a student in III U.C., who in addition to outstanding achievements in intercollegiate contests, made a new world's record in the sixty yard indoor hurdles at a meet held in the Maple Leaf Gardens on March 12th.

Intramural Competition

This wider term comprises the former interfaculty activities. The schedule herewith indicates the widespread interest on the part of the students; for while 280 represented the University in intercollegiate competition 1396 men turned out on college and faculty teams.

Series	Name of Cup	Winner	Inter-faculty Teams	Players
Rugby	Sir William Mulock	Victoria	11	280
Track	W. L. Rowell Memorial	Victoria		56
Soccer	Arts Faculty	Victoria	9	135
Harrier	J. Brotherton	Wycliffe		32
Hockey	W. T. Jennings	Victoria	13	196
Basketball	Clifford Sifton	Sr. U.C.	24	276

Lacrosse	Dr. W. A. Dafoe	Jr. S.P.S.	10	102
Sr. Boxing, Wrest. & Fencing	Francis Davison	S.P.S.		51
Jr. Boxing, Wrest. & Fencing		S.P.S.		45
Indoor Baseball	A. G. Spalding & Co.	Dentistry	18	241
Swimming	A. M. Fitzgerald	Trinity		98
Water Polo	H. P. Eckardt	Jr. Meds	9	106
Indoor Track	Toronto Cricket Club	Trinity		74
Tennis	F. Y. McEachren	W. P. Pigott, S.P.S. II		49
Gymnastics	H. A. Wilson	S.P.S.		19
Volleyball	Victoria College Staff	Sr. Meds.	16	188
				1938
Less those participating in two or more sports				542
Number of contestants				1396

The John C. H. Copp Memorial Trophy, awarded annually to the member of the senior rugby team adjudged worthiest, was this year, by the unanimous vote of his fellows, awarded to A. D. (Al.) Williams, of the graduating year in Medicine and a member of the Athletic Directorate.

Our arena was again used for the Promenade Symphony Concerts, an innovation in the musical life of our city that now, after three seasons, seems to have become a permanency. Twenty concerts were given under Mr. Reginald Stewart, over 100,000 people attending. Although not intended for such purposes, the acoustics of the arena make it admirably suited for such concerts and it is possible to seat over 7,000 people at popular prices. The University is thus making a fine contribution to the artistic life of the community. It is only fair to add that the work involved adds considerably to the labours of the staff of the Athletic Office.

The Athletic Direcorate

The Athletic Directorate for 1936-37 consisted of Dr. J. A. McCollum (President), Professor T. R. Loudon, Professor S. Beatty, Dr. W. Easson Brown, Messrs. M. F. Williams (Vice-President), J. D. Caldwell, E. A. Greco, N. H. McClelland, F. N. Smith, A. D. Williams, and *ex officio*, Dr. G. D. Porter, Medical Director; Warren Stevens, Athletic Director; and T. A. Reed, Financial Secretary.

(19) DEPARTMENT OF PHYSICAL EDUCATION FOR WOMEN STUDENTS

(*Miss I. G. Coventry, Director of Physical Education*)

IV.

In the past year, 1936-37, there were 189 students registered in the physical education classes and approximately 709 class periods of instruction were directed by the physical director and two assistants, Miss J. M. Forster and Mrs. M. Graham.

Required Physical Training: The required physical training classes with an enrolment of 171 students were subdivided into 15 class periods a week. This plan, as formerly, assisted principally in accommodating the students who presented varied academic timetables and also lessened the congestion in the inadequate gymnasium quarters.

The students enrolled in the regular classes were required to take the final tests in general gymnastics and corrective exercises at the end of the year. The annual report of these examinations was submitted to the Registrar.

Corrective and Remedial Classes: Class periods of corrective and remedial gymnastics were given to the students who were medically advised to take the special course arranged for their benefit. The physical director personally supervised this important part of physical training. Frequently such good results were obtained that it enabled the students to return to the regular classes.

Number of students from University College	151
“ “ “ “ Faculty of Medicine	13
“ “ “ “ “ “ Household Science	3
“ “ “ “ “ “ Music	1
“ “ “ “ “ “ Dentistry	1
“ “ “ “ Trinity College	3

Four Year Diploma Course in Physical Education (in conjunction with the pass arts course): There were 17 students registered in this course and approximately 694 class periods of lectures and instruction were given during the year. Theory subjects numbered 252 and practice subjects numbered 442.

The women graduates, who have been granted the diploma in physical education by the University of Toronto, continue to be appointed physical directors in the Ontario schools.

Swimming: There were 217 students from all colleges, faculties and departments and over 360 periods of instruction in elementary and advanced swimming and life saving given by Mr. A. L. Cochrane and Miss A. Cochrane during the session of seven months.

Number of students from University College	124
“ “ “ “ Victoria College	45
“ “ “ “ Trinity College	15
“ “ “ “ St. Michael's College	1
“ “ “ “ Faculty of Medicine	1
“ “ “ “ “ “ Music	1
“ “ “ “ “ “ Household Science	2
“ “ “ “ Social Science	7
“ “ “ “ School of Nursing	15
Administrative Staff	6

(19) REPORT ON ATHLETICS FOR WOMEN

(*Miss A. E. M. Parkes*)

V.

The activities of the Women's Athletic Association in the University of Toronto during the session 1936-37 have been little changed from previous years, and it would seem that, until better accommodation is provided for the various sports, there can be no great increase in the numbers taking part nor in the types of competition.

Each college organised a meet in tennis, swimming and badminton during the year, and interfaculty competition was arranged in these three sports as well as basketball, hockey, baseball and golf. Students taking part in one or more of these activities were registered in University, Victoria, Trinity and St. Michael's Colleges, the Faculty of Medicine, the School of Nursing, the Departments of Occupational Therapy and Physiotherapy, Social Science and Physical Education, and the Library School. Several teams were coached by graduate students registered in the Ontario College of Education. The women of Victoria College celebrated their centenary by winning five interfaculty championships, tennis, basketball, hockey, baseball and badminton, while the individual champions in tennis and swimming, Miss C. H. D. Walsh and Miss M. H. B. Bailey, were also from that College. The interfaculty swimming championship was won by University College.

Intercollegiate competition included tennis and swimming, won by Toronto, and basketball, won by the University of Western Ontario. No University team in hockey was organised this year due to lack of suitable competition.

In the seven interfaculty competitions sponsored by the Association, students were registered as follows:

Sport	Entries	No. of Competitors
Golf	Individual entries.	42
Tennis	4 teams from University, Victoria, St. Hilda's and St. Michael's, and individual entries.	35
Basketball	10 teams, University College (3), Victoria (2), St. Hilda's, St. Michael's, Medicine, Nursing and Physiotherapy.	130
Hockey	4 teams, University College, Victoria (2), St. Hilda's and St. Michael's.	61
Swimming	4 teams, University College, Victoria, St. Hilda's and Physical Education, and individual entries.	45
Badminton	5 teams, University College, Victoria, St. Hilda's, St. Michael's and Nursing.	20
Baseball	3 teams, Victoria (2) and St. Michael's.	30

The Association was again financed by the proceeds from parking stations conducted by the women undergraduates during football games and by a contribution from the men's Association.

The Athletic Directorate for the year 1936-37 was made up as follows: Dr. C. C. Benson, President, Mrs. W. A. Kirkwood, Mrs. W. B. Elsley, Dr. Edith Gordon, and the Misses J. M. Forster, E. M. Hall, E. G. Kennedy, M. M. F. Vining, G. I. Wagg, E. S. Wilson, I. L. Wright and A. E. M. Parkes, Financial Secretary.

(20) REPORT OF THE WARDEN OF HART HOUSE

(*J. B. Bickersteth, Esq., M.C., M.A.*)

GENERAL

The undergraduate membership in Hart House during the past year was 3680 and the senior membership 671, making a total of 4351 members. The senior membership was larger than that in the previous year, but the students were less by over 100, the number of male undergraduates in the University having decreased. It was found necessary at the opening of the academic year to raise the price of meals in the Great Hall and this, as was to be expected, resulted in a smaller attendance. None the less a considerable number of men regularly took their meals there and this number was materially increased in November by various changes suggested and put into effect by the Hall Committee with the approval of the Board of Stewards and the Finance Committee. The twenty-four oak tables in the Great Hall were darkened in order to match the new chairs, the expense of this being borne by the Massey Foundation. The shop where light refreshments, cigarettes, gymnasium clothes and other articles are sold had a remarkably successful year. An interesting experiment was the sale of coloured reproductions of well known pictures framed and ready to hang on the walls of an undergraduate's room. Some 95 of these reproductions were sold. The usual social functions were held during the winter, the University College Follies and School Night being the most widely attended. Some 1,700 persons were present on these two occasions. The Masquerade took place successfully in November, but the numbers attending were comparatively small and the future of this dance is under consideration. There was an excellent demand for tickets for the Graduates Ball and this function is of great value in providing a dance for senior members on New Year's Eve at a reasonable price. Hart House was thrown open to the public on the first Visitors' Day of term at the end of October and nearly 1,000 persons took this opportunity of inspecting the building. The Athletic Association dinner was again held in the Great Hall in March with outstanding success. Alumni Night also took place in March and attracted a large attendance, the whole building being put at the disposal of the Alumni Federation. At the University Settlement party held at the end of the Christmas term some 300 men and boys were entertained by Hart House. The Warden's Christmas dinner was held at the beginning of the Christmas vacation and the somewhat smaller numbers of men attending it is an indication of better times inasmuch as many undergraduates who live in distant part of Canada were able to go home.

ART

The artists whose work was exhibited in the art gallery during the winter were Charles Comfort, Peter Haworth and Mrs. Haworth, Cawthra Mulock, Wendell Lawson, Barbara Niven, David Milne, a group of Toronto portrait painters including Sir Wyly Grier, Kenneth Forbes, Charles MacGregor, Evan Macdonald, Franklin Arbuckle, Allan Barr, Marion Long, Archibald Barnes, Dorothy Stevens and C. F. Comfort. There was an exhibition of sculpture by Jacobine Jones and also a show of German and Spanish posters. The three exhibitions of work done by members of the University were also of outstanding interest, namely the photographic exhibition arranged by the Camera Committee, the display of work done by undegraduates consisting of paintings and drawings together with sculpture and other exhibits from the arts and crafts room, and lastly the exhibition of paintings done by faculty and graduate members. During the year reproductions of paintings by Flemish, Dutch and German Masters were shown in the print room as well as Indian prints, Chinese wood-blocks and the Barbizon school. Before Christmas Dr. P. H. Brieger gave three talks on town planning and after Christmas Professor H. R. MacCallum spoke on William Blake and Mr. Eric Newton on the attitude of the craftsman. The art classes conducted by Mr. H. S. Palmer again attracted a steady attendance of some 20 undegraduates and senior members. Modelling, bookbinding, lino-cuts and etchings were carried out in the arts and crafts room by a group of members under the direction of Mr. Carl Schaefer. During the summer the walls of the art gallery and of the print room were recovered with hessian, the wooden surrounds were removed and the plaster areas were painted white. The lighting was also improved. These changes have immensely improved the appearance of these two galleries which may now be considered the equal of any in Canada. Two pictures were purchased during the year—"R. R. No. 3 Hanover" by Carl Schaefer and "Pines in Winter" by the late Homer Watson. In September the collection of pictures owned by Hart House was inspected by an expert from the National Gallery at Ottawa who recommended the immediate repair of Tom Thomson's "The Pointers" as being a picture of national importance. This canvas as well as two others have been repaired at the National Gallery through the courtesy of Mr. Eric Brown. The Art Committee appealed to a group of interested persons for small contributions towards the Print Fund and using some of these funds have purchased a number of prints needed to improve the collection already owned by Hart House.

MUSIC

As in past years the Great Hall was packed on the occasion of each of the eight Sunday Evening Concerts which were given by the following artists: Scott Malcolm and Reginald Godden (double piano), Alberto Guerrero, the Tudor Singers, Elie Spivak, the Toronto Trio, Emmy Heim and Eugene Katsh, the Hart House Glee Club and the Conservatory String Quartet. The attendance at the Friday Recitals was admirable throughout the year. These informal recitals held at 5 p.m. in the music room give a rare opportunity for undergraduates to hear chamber music arranged by leading musicians of the city, some of the artists this year being Sir Ernest MacMillan, Tom Brennand, Muriel Donnellan, Reginald Stewart, George Lambert, Viggo Kihl, Wilma Stevenson, Albert Pratz and Walter Whitaker. There is ample evidence that the Songsters which were again conducted by Mr. Campbell McInnes on eight Sunday evenings are making their influence felt in different parts of Canada. Members are also very grateful to Mr. Ross Workman who directed the Midday Sing Songs with great success. Hart House is indeed fortunate in being able to count on the wholehearted support of the musicians of Toronto who alone make possible the brilliant programme of musical events during the winter season. The Hart House Glee Club had a most successful season under Dr. Charles Peaker. By December, 1936, there were 100 members who had paid their fee. A number of concerts were given in and around the University and an admirable programme was performed at the last Sunday Evening Concert. Instead of a Friday Recital in the music room which was impossible owing to the size of the club carols were sung in the Great Hall during dinner on the last Monday of term before Christmas and the experiment was sufficiently successful to justify its repetition next winter. After careful consideration the Glee Club Committee has been made a Special Committee with a faculty member as Chairman and directly responsible as are other Special Committees to the Board of Stewards.

DEBATES

Five debates were held during the year, the resolutions dealing with Canada's defence problems, the rival claims of fascism and communism, the influence of the press, the functions of the law and provincial rights. Honorary visitors included representatives from Edinburgh, London and McGill Universities. The attendance at these debates varied and the standard of speaking is probably not as high as it was several years ago. It is, however, well known that university debating has it ups and downs. There is certainly no sign that the interest of the undergraduates in domestic or international affairs is any less keen than it was. There is also unmistakable evidence that the system of debating as worked out in Hart House over a period of years is being copied not only in many parts of Ontario but in the Western Provinces. Two New Zealand debaters were entertained in Hart House during April, but it was too late in the year to arrange a debate.

LIBRARY

About 100 new volumes were purchased during the year and a number of books which had become out of date were removed. The committee have done everything possible to maintain the collection under their care at a high standard. About $250.00 is spent each year on new books, the funds at the disposal of the committee for this purpose being from a special grant by the Massey Foundation. A few private press books were added to the collection already possessed by the House. It is very satisfactory to report that though the library was used by literally thousands of men during the course of the year and there is no direct supervision of the room the net loss of books was eight. Some trouble was experienced by the removal of periodicals from the reading-room, but the action taken by the committee has done something to meet the problem. Two "library evenings" were held when the speakers were Mr. William Strange and Dr. Richard Roberts. The upholstered furniture is being recovered in red leather and steps were taken to improve the lighting.

STUDENT CHRISTIAN MOVEMENT

This year the Student Christian Movement arranged a particularly interesting series of noonday addresses in the music room which were well attended, Professor Burton, Mr. Hugh Redwood and the Rev. J. R. P. Sclater being among the speakers. Holy Communion was celebrated in Hart House Chapel on certain Sundays. Weekly prayers were also held there as well as a series of Lenten addresses. The use of the Chapel for private prayer and meditation is increasing. At the end of the year the Board of Stewards drew attention to the valuable work which the Rev. Wilfred Lockhart was doing as secretary of the S.C.M. Perhaps the most interesting event this year was the visit of the Rev. Harold Ellis of the Community of the Resurrection. When it was found that Father Ellis would be in Canada arrangements were made for him to spend November and December in the University. During those weeks he made the acquaintance of a large number of students in every faculty and college as well as in the university residences and in fraternities and received a warm welcome wherever he went. It was made absolutely clear from the first that his only object was to deal with the fundamental truths of the Christian faith. There have been many proofs of the value of Father Ellis' work which was largely carried out with small groups of men or with individuals. Four years ago Dr. Richard Roberts held a "mission" in the University and it would seem desirable to make some definite spiritual effort of this kind at least once in every student generation.

A fresco executed by Mr. Will Ogilvie, the well-known Toronto artist, has been been placed on the upper part of the walls of the Chapel. Specially designed chairs have been substituted for the heavy pews and additional panelling has been installed.

When the new lighting and furnishings have been completed the Chapel should be in every way worthy of Hart House. Mr. and Mrs. Vincent Massey have taken the keenest personal interest in these alterations and the entire cost of them is being borne by the Massey Foundation.

Theatre

The plays produced by Hart House under the direction of Mrs. Nancy Pyper were as follows: "One More River", "This Mad World", "The Snow Queen", "Merrily We Roll Along" and "The Abbé Prévost". One of the most successful experiments during the winter was a miniature drama festival in which University College, Trinity College, Victoria College and St. Michael's College took part, each performing a one-act play. The Cody Award was won by University College. This evening of plays which drew a packed house was arranged by the University Drama Committee, the existence of which owes much to the initiative of Mr. C. R. Delafield. There is no question that dramatic work of this kind among the colleges and faculties of the University is of the greatest value and should be further developed. The theatre was also used by the college dramatic societies for their annual plays and by the University Club. The Central Ontario Drama Festival took place in the theatre this year during the last week of February.

Visitors

The number of visitors who come to Hart House from distant parts of Canada and various parts of the world continues to be very great. There are days when three or four different parties arrive unannounced and it is sometimes difficult for the staff to find time to show them round. Among more prominent visitors during the last twelve months may be mentioned: Captain Wedderburn and a party of English public school boys, Sir T. F. Molony (Vice-Chancellor of the University of Dublin), Mr. Charles Buxton, Mr. Robert Mackie (General Secretary of the Student Christian Movement in England), Mme de Palencia and Marcelino Domingo (Spanish Government delegates), Mr. William Arnold-Forster, Mr. Hugh Redwood, Sir Anthony Jenkinson, the Hon. C. D. Howe, Lord Cobham, the Bishop in Corea, Mr. J. C. Lovelock (the Olympic champion runner), Rebecca West, Dr. Chen Han-Seng, Dr. Howard Thurman (President of Howard University, Washington), the Hon. T. Rinfret, Mr. Edward Bradby, the Hon. Peter Heenan, Dr. Niels Bohr, Mr. Eric Newton (the art critic), Mr. George de Warfaz (Drama Festival adjudicator), Mr. Harold Macmillan, M.P., Baron Silvercruys, M. André Malroux, Mr. Donald Grant, Mr. Collin Brooks (editor of the Sunday Despatch). Their Excellencies the Governor-General and Lady Tweedsmuir paid an official visit to Hart House in February and were received by the Board of Stewards.

Committees

The control of Hart House, subject to the ultimate authority of the Board of Governors of the University, is in very large measure entrusted to a number of standing and special committees. At the present time there are about 130 men serving on these committees. Of these about 100 are undergraduates and the rest are faculty or graduate members. As time passes much that was undefined and in an experimental stage in the early years has become settled and a matter of routine. Experience has taught the best methods of procedure and these are not likely to be radically changed. This was particularly true of the House and Hall Committees both of which are largely concerned with matters of administration. After careful consideration it was decided to amalgamate these two bodies under the title of the House Committee and it is hoped that this will lead to greater efficiency and prevent overlapping. As stated above, the Glee Club Committee has been made a special committee and Professor H. R. Kemp has kindly consented to take over the chairmanship. This year the Rev. E. C. LeBel (House), Professor M. St. A. Woodside (Music), Mr. W. E. Carswell (Art) and Professor E. W. McInnis (Debates) retire from the Chairmanship of their respective committees and Mr. N. J. McLean retires as graduate member of the Library Committee. All these five senior members have given hours of their time and expert knowledge to the affairs of Hart House and all members are deeply grateful to them and also to the other senior men who so willingly serve on the various committees of the House. This summer Mr. D. L. Emond who joined the administrative staff in 1926 is severing his connection with Hart House. During that period he has made a very distinctive contribution to the life of the House and his departure is very sincerely regretted.

(21) REPORT OF THE ACTING DIRECTORS OF THE CONNAUGHT LABORATORIES

(*Drs. R. D. Defries and C. H. Best*)

In the absence of the director, Dr. J. G. FitzGerald, who was granted a year's leave of absence from the University of Toronto to undertake a survey of the teaching of preventive medicine and hygiene in the leading medical colleges of North America and Europe under the auspices of the Rockefeller Foundation, it is our pleasure to present this, the twenty-third annual report of the Connaught Laboratories, as a review of activities for 1936-37.

In the first report made to the Board of Governors on June 30, 1914, Dr. FitzGerald presented his conception of the field of service of the newly established "Antitoxin Laboratory." The preparation and distribution of biological products essential in the furtherance of public health, not only in Ontario but throughout Canada, was visualised and at the same time equal stress was laid on the importance of providing facilities for research in the field of preventive medicine. It is interesting also that in this first report particular mention was made of the contribution which the laboratory could make to the teaching of preventive medicine, forecasting the intimate relationship which has existed between the School of Hygiene and the Connaught Laboratories. The successive annual reports record the development of these purposes and constitute an achievement which has attracted world-wide attention.

During the past year the senior research staff has been augmented by Dr. Ronald Hare of Queen Charlotte's Hospital, London, and Dr. Geoffrey Rake of the Rockefeller Institute for Medical Research. Dr. Hare is well known for important contributions in bacteriology, and Dr. Rake also for his work in this field. Dr. P. A. T. Sneath, one of the senior members of the research staff, resigned in March to accept an important appointment in the British Colonial Medical Service. In addition to his research appointment in the Connaught Laboratories, he had given valuable service in the School of Hygiene as lecturer in parasitology. Although not a member of the Connaught Laboratories, Dr. Kenneth Brandon conducted valuable studies in the department of epidemiology and biometrics through a grant made by the Laboratories. Dr. Brandon was appointed as a member of the Metropolitan Health Board of Vancouver and assumed his new appointment in December. A further serious loss was occasioned by the resignation of Dr. A. H. Sellers, also a member of the department of epidemiology and biometrics, to accept an appointment as medical statistician in the Department of Health of Ontario. Dr. Sellers, however, will continue in a part-time capacity as demonstrator in biometrics.

Section of Barteriology and Immunology

Under the direction of Professor Donald Fraser, a number of important investigations have been continued and certain projects initiated. The results of three years' study of the antitoxin response in children to three injections of diphtheria toxoid have recently been brought together in a comprehensive report and submitted for publication. This research has been undertaken with the co-operation of Dr. Alan Young, Department of Public Health, Toronto, who assumed responsibility for the initial Schick testing of the children, the readings, the administration of toxoid, and the procuring the blood samples at certain time-intervals. Approximately six hundred titrations have been determined for the group as a whole, as well as the rate of loss of antitoxin over the period of three years. These determinations permit of the formulation of a standard of measurement or yard-stick with which to assess the antigenicity of any given diphtheria toxoid. A study of this character in which the antigenicity of toxoid is assessed in children requires much careful preparation and detailed organisation in the field. Dr. Martel, District Medical Officer, Amos, Quebec, assumed the responsibility for the use of high Lf and average Lf toxoid and Dr. A. L. McKay and Dr. R. P. Hardman of the Department of Health, Ontario, for other diphtheria toxoids. Without this co-operation it would not have been possible to undertake the study. The practical result of these investigations lies in the fact that no experimental evidence has been brought forward to suggest a change in the procedure of active immunisation advocated and instituted in Canada more than ten years ago.

A survey of diphtheria carriers, initiated three years ago, is being continued. Through the co-operation of Dr. A. B. Moffat, Department of Public Health, Toronto, nose and throat swabs have been taken from school children. The sampling is made in such a way that approximately one hundred cultures from different schools are examined each week. In this way the survey represents a cross-section of the school population and is essentially continuous in character. In collaboration with Professor Grant Fleming, department of preventive medicine, McGill University, a somewhat similar survey is being made in Montreal. The results in both cities have shown that the diphtheria carrier rate is exceedingly low. Among 7,800 cultures examined in Toronto the number of virulent diphtheria cultures found was four. These findings are in harmony with the low diphtheria rates in Montreal and in Toronto, and do not support the contention that in an actively immunised population the carrier rate is high.

In co-operation with Dr. Alan Young and the Department of Public Health, Toronto, an extensive survey has been carried out among children of the city schools to determine the duration of immunity, as shown by the Schick test, after three injections of toxoid. The results indicate that it is advisable and practicable to renew the immunity, as advocated by Ramon, by giving a subsequent dose of toxoid ("dose de vappel").

Dr. M. H. Brown and Miss E. A. Anderson have continued their studies of pneumococci isolated from patients at the Hospital for Sick Children. Approximately 350 strains of pneumococci have been isolated and typed from 500 speciments submitted. Of these approximately 35 per cent. were of type I; 12 per cent. type V; 9 per cent. type III; 6 per cent. type VII; 6 per cent. type IX. Approximately 90 strains fell into twenty-three other types. Fifty additional strains were bile soluble but did not fall within the Cooper types of Pneumococci. These strains were isolated from various lesions; 234 were from cases of pneumonia. This time-consuming study has a very practical bearing upon the selection of strains for the preparation of sera for therapeutic use. Dr. Brown has found that certain of the original Cooper strains have lost their specificity. This indicates the necessity of reaching an international agreement upon the standardisation of strains used for typing pneumococci.

A preliminary investigation into the production of therapeutic antipneumococcus rabbit serum has been carried on. The results obtained with type I serum have been encouraging.

Dr. Brown has investigated a number of recently isolated strains of *S. typhi* regarding the diphasic phenomenon of Kauffmann, the alpha and beta phases. It has been found that strains of *S. typhi* on primary isolation are usually in the alpha phase. Dr. Brown and Miss Anderson have carried on an investigation on the incidence in Canada of the members of the *Salmonella* group. Through the co-operation of the directors of the various laboratories across Canada, cultures having the characteristics of this group have been received and identified by carbohydrate and serological reactions. To date approximately 200 cultures have been studied. The high incidence of *B. paratyphosus beta* has been shown. It has become increasingly apparent that a central committee should be charged with the setting up of standard type sera.

Dr. Frieda Fraser has explored the resistance of rabbits actively immunised with a strain of haemolytic streptococcus of marked virulence for rabbits, and investigated the properties of the serum of such actively immunised animals. The protective antibody bears no apparent relationship to its agglutinin content and appears to be strain specific. Dr. Helen Plummer has completed the study of the comparative streptococcus antitoxin content of sera from persons living in the tropics and in Canada. Over ninety per cent. of tropical sera contain more than one unit of streptococcus antitoxin as compared with sixty per cent. of Canadian sera.

The results of Dr. P. A. T. Sneath's research on experimental tetanus and the resistance of actively immunised animals to "lethal spore doses" (tetanus spores plus $CaCl_2$) appeared in a publication in the American Journal of Hygiene entitled "Tetanus Immunity."

Dr. J. S. Kitching has continued his study of the staphylococcus-antitoxin content of the serum of persons by age-groups. His results show that there is a relatively low content between the ages of two and five years and also later, during th adolescent period. In collaboration with Dr. L. N. Farrell he has explored the antigenicity of various preparations of staphylococcus toxoid and their keeping qualities. These studies are of practical value in relation to the clinical use of staphylococcus toxoid. In co-operation with the department of paediatrics, Dr. Kitching has followed, by serial titration, the staphylococcus content of sera of patients suffering from staphylococcus infection. The results of this study have a practical bearing on the therapeutic use of staphylococcus antitoxin. Investigations regarding the role of staphylococcus antibacterial immunity have been instituted and preliminary observations would suggest that such immunity can be produced by vaccination of horses with suitable strains.

Dr. Nelles Silverthorne has continued his study on the prophylactic value of pertussis vaccine. In collaboration with Dr. Charles Farquharson, Medical Officer of Health, Scarboro, Ontario, part of this clinical trial is being carried out among children of the Scarboro district. Among some five hundred children given a total quantity of upwards of ten billion bacilli in four injections, the results strongly suggest that the vaccine is effective as a prophylactic. Clinical and laboratory studies in meningococcal and in influenzal (*H. influenzae*) meningitis are being actively pursued by Dr. Silverthorne. He has shown that the serum of actively immunised guinea-pigs is bactericidal for freshly isolated strains of these micro-organisms, when the experimental animals are inoculated with vaccines prepared from suitable strains of the meningococcus and the influenza bacillus respectively. A guinea-pig anti-influenza serum, frozen and dried under vacuum to preserve its complement, has given encouraging clinical results. The isolation and classification of *H. inflenzae* strains from cases and from carriers is being continued.

Dr. Ronald Hare, late First Assistant, Research Laboratories, Queen Charlotte Hospital, London, whose appointment to the staff of the Connaught Laboratories, and the teaching staff of the department of hygiene and preventive medicine is recorded elswhere, has a wide experience in research and his service in teaching has been greatly appreciated during the past session. Dr. Hare has devoted his time chiefly to research on the virus of influenza. Through the co-operation of the department of medicine, certain cases of clinical influenza were made available for study, from which a number of strains of virus were isolated and compared with the W.S. and Pr^8 strains from England and the United States. The virus-neutralising properties of sera of contacts and patients, before and after an attack of influenza, have been determined. The possibilities of prophylactic inoculation, and of treatment of the established disease by passive immunity are being explored. Research in this field is hedged in by many practical difficulties and demands training and exactitude of a high order, for which reason progress is necessarily slow.

Section of Chemistry in Relation to Hygiene

The investigations which have been carried out under the direction of Professor P. J. Moloney have, as in the past, been concerned chiefly with diphtheria toxoid and Schick toxin.

Dr. Edith M. Taylor has completed a valuable piece of work on the League of Nations standard requirements for Schick toxin. It was shown that the antitoxic combining power of Schick toxin has little significance for humans in respect of the level of antitoxin detected; and further, that the toxicity requirement of the League of Nations was too low. Hence, Schick toxin of enhanced toxicity made from unmodified toxin containing little or no toxoid was found to be more satisfactory than that made from toxin matured by phenol according to the League of Nations requirement, inasmuch as the former gave more distinct and more readily interpretable reactions.

A series of experiments was carried out in order to test the suitability of various diluents for Schick toxin and to determine the effect of preservation on diluted diphtheria toxin.

Dr. Taylor has continued her work on the production of diphtheria toxin from hog's stomach autolysate with a view to simplifying and improving the method for large-scale production. This has resulted in more efficient methods for the removal of fat and precipitates which are formed during the preparation of the medium.

Dr. M. Doreen Smith has carried out a comprehensive survey of Kay-Graham's phosphatase test for pasteurized milk. Through the co-operation of the Department of Health of Ontario and the Department of Public Health, Toronto, numerous samples of raw and pasteurised milks from the various sections of Ontario were made available. When the Ontario milks labelled pasteurised were judged by the modified phosphatase test, 88 per cent. were found to be properly pasteurised.

A further study conducted by Dr. Smith related to the detoxifying properties of a number of human biles. It was found that, as in the case of ox bile, certain human biles contain a heat-labile detoxifying mechanism.

Mr. M. D. Orr has concerned himself in part with a study of the antigenicity and reactivity of modified toxoid. To this end a number of amines were prepared from fatty acids of high molecular weight. A study of the precipitating properties of these amines for diphtheria toxoid and for other proteins was carried out under varying conditions of temperature and concentration of salts. It was found that in the absence of dissolved salts the precipitation of toxoid or other protein by synthetic amines occurs only in a narrow zone of concentration. Amine-toxoid precipitates when tested on laboratory animals showed increased antigenicity and lowered reactivity as compared with unaltered toxoid.

Section of Filterable Viruses, Epidemiology and Biometrics

Satisfactory progress has been made under the direction of Professor R. D. Defries. Dr. James Craigie and Dr. F. O. Wishart have continued their investigations into the serology and immunology of vaccine and smallpox virus. Various improvements in technique have been effected, and further *in vitro* evidence of a third highly labile antigen has been obtained. Direct evidence of the liberation of LS antigen by the virus has been elicited. It has been found that the LS antigen does not absorb neutralising antibodies for the virus, while other evidence suggests that this antigen represents an antigenic residuum of the unstable third antigen. Apparent spontaneous cleavage of the LS antigen has been observed, using a precipitin absorption technique. Dr. Yen has collaborated in a study of the stable S antigen which remains after destruction of the labile L component of the LS antigen. Observations on the production of immunity in rabbits with killed virus have been extended and verified by effecting a similar immunity with preparations (gradocol filtrates) of soluble virus-free antigen. Dr. Craigie has evolved a method of showing intracellular changes in vaccinia-infected cells which are not apparent in preparations subjected to the usual histological methods. Ultra-violet photographs have been obtained which are interpreted as displaying the various stages of the multiplication of the virus inside the cell.

Dr. Craigie and Dr. Yen have continued the study of V phages specific for the V form of the *B. typhosus*, and a number of interesting facts have come to light. Although the point of attack of these phages on *B. typhosus* is represented by theVi antigen, it has been found that the phages in question belong to four distinct serological groups. These phages act on growing of *B. typhosus* in two ways. When applied in sufficient concentrations, they inhibit growth of all V form strains. On the other hand, some of the phages multiply and produce lysis only on certain strains of this organism. The phages belonging to one serological group have been found to be capable of a remarkable adaptability to a number of types of typhoid V strains, thus revealing an unsuspecting heterogenity of strains of this organism. Methods of specifically adapting this kind of phage to different types of *B. typhosus* have been elaborated. The phages thus specifically adapted have, in turn, been used to differentiate strains of *B. typhosus* recovered from cases and carriers. Correlation of the findings with epidemiological information has so far indicated that the differences found are significant, and that the determination of strains represents a definite advance in the epidemiological investigation of outbreaks of typhoid fever. This study of V phages has also been prosecuted with special attention to a very different field, namely, that which concerns the phenomenon of adaptation and variation in bacteriophage and viruses. In the case of viruses, the value of vaccination in the prevention of smallpox and of more recently introduced methods of inducing immunity to other virus infections depends on such changes in the cell infinites and behaviour of these viruses.

Dr. Defries has continued the study of rabies virus, particularly the development of satisfactory methods of assaying the protective value of anti-rabic vaccines. It is now possible to determine the relative protective values of various vaccines by the inoculations of white mice. At the request of the Government of Trinidad, a suitable protective rabies vaccine for cattle has been prepared and furnished in considerable quantities. The preparation of this material has required the development of special methods. It is gratifying to learn that the vaccine has been found highly effective in controlling the outbreak of rabies.

The Laboratories have the pleasure of having Dr. C. H. Yen of Union Medical College, Peiping, China, participate in the researches in filterable viruses. Dr. Yen has had wide experience in the conduct of research and will be responsible on his return to China for the initiation of studies of virus diseases in that institution. The selection of Toronto for an extended period of post-graduate study of virus diseases by Dr. Yen is a tribute to the outstanding work in this field by Dr. James Craigie, under whose immediate direction Dr. Yen has been working.

Two interesting epidemiological investigations were conducted by Dr. Kenneth Brandon, namely, a study of an outbreak of erythema nodosum in a boys' school and of an extensive outbreak of measles in Toronto. In co-operation with Dr. M. H. Brown, Dr. Brandon continued his studies of the classification of Salmonella With Dr. D. T. Fraser, Dr. Brandon conducted a study of Schick test materials as supplied by various manufacturers and also an investigation of a group of children who received three doses of diphtheria toxoid.

A number of the statistical studies which have been in progress in the department have been completed during the year. The survey of deaths from diabetes occurring in the Province of Ontario, conducted by Dr. Defries, Dr. A. H. Sellers and Dr. Mary A. Ross, was completed and the findings will shortly be published. Dr. Ross investigated the mortality data relating to appendicitis and presented the findings at a recent scientific meeting. Dr. N. E. McKinnon and Dr. Ross have continued their study of the cardiovascular-renal group of deaths and also their study of the efficacy of diphtheria toxoid immunisation in the City of Toronto. Through the co-operation of Dr. J. E. Laxton, epidemiologist, Department of Public Health, Toronto, all cases of diphtheria which have been reported to the Department since 1927 have been investigated and the details furnished to the Department. With these findings, a study of the cases of diphtheria which have occurred among children receiving three doses of toxoid has been made. Dr. Ross co-operated with Dr. Grant Fleming, McGill University, in a statistical study of the data obtained in Schick-testing a large group of children in Montreal. Dr. Sellers has investigated very fully the occurrence of foetal deaths in Ontario and has given attention to the preparation of a classification of foetal mortality. He has also continued his study of death certification. The preparation of a suitable classification of the causes of morbidity for use in Canada has been a subject of study by Dr. Defries and Dr. Sellers in co-operation with the Dominion Bureau of Statistics.

Section relating to Hormones, Vitamins, and other phsiological substances

In this section of the Laboratories, Dr. Best, Miss Jessie Ridout and Dr. D. L. MacLean have continued their investigations of fat metabolism. It has been shown that the deposition of large amounts of fat in the liver definitely interferes with certain functions of this organ. Miss Ridout has made further progress in the studies of the effect of undernutrition on liver fat. With the co-operation of Dr. H. M. Barrett very interesting results have been obtained using fats "labelled" with the deuterium molecule. Mr. James Campbell has completed several aspects of the work on the substance in the anterior pituitary gland which causes a rapid increase in the fat content of the liver.

In collaboration with Dr. Gordon Murray of the department of surgery the studies of the effect of purified heparin on human subjects and its action in the prevention of thrombosis in experimental animals, have advanced rapidly. A comprehensive report of this work has recently appeared in the journal "Surgery." The purified heparin has been prepared by Dr. Arthur Charles. This material has now been administered postoperatively to some 130 human cases. It is hoped that a very large series of cases can be studied and that eventually a decision can be reached as to whether or not the results obtained on experimental animals are applicable to human subjects. Several further advances in this field have been made by Dr. MacLean, Mr. Campbell Cowan and Dr. Best, who have shown that the formation of white thrombi in certain experimental animals may be completely prevented by heparin. Dr. Charles, Mr. Cowan and Dr. Best have reported on the effect of heparin administered by the subcutaneous route to several species of animals.

Dr. D. A. Scott and Dr. Albert Fisher, whose work has made possible the use of a stable preparation of Protamine Zinc Insulin, have continued their most important studies in this field. The product elaborated in these Laboratories has been adopted by other manufacturers of insulin and it will probably very soon be even more generally used. Dr. Scott and Dr. Fisher have detected substances acting like protamine in various tissues of the animal body. The distribution of Protamine Zinc Insulin by the Connaught Laboratories is increasing rapidly and this, in part, has been responsible for the decision of the acting directors of the Laboratories to recommend an extension of the insulin plant. It is hoped that this will provide better facilities for the work of Dr. Scott and Dr. Fisher as well as for that of the other investigators whose work is referred to below.

Dr. E. W. McHenry and his collaborators have developed new methods for the purification of the anti-anaemic substance in liver. This has been facilitated by the excellent co-operation of Dr. R. Farquharson, Dr. J. A. Dauphinee and other members of the department of medicine, who have tested clinically a number of solutions. Miss E. G. Gavin has studied Jacobson's procedure for the assay of liver extract on guinea-pigs. Mr. D. W. Overend has conducted an analysis of an active liver fraction to identify the peptides of amino-acids present. Mr. E. J. Reedman has secured definite evidence of the presence of a protein-ascorbic acid complex in certain vegetable tissues. He has studied the effects of various dosages of ascorbic acid on the urinary excretion of that substance in human subjects. He has confirmed the finding of Szent-Györgyi with respect to the complementary action of vitamin P and ascorbic acid in the alleviation of scurvy in guinea-pigs. With Dr. C. E. Snelling of the Hospital for Sick Children, Mr. Reedman has studied the urinary excretion and the content of ascorbic acid in the blood of children consuming various diets.

Dr. McHenry has collaborated with Mr. Melville Watson of the department of obstetrics and gynaecology in a study of the hormonal production of menstruation in monkeys. From the results an hypothesis has been advanced for the mechanism of menstruation in humans. In co-operation with Dr. A. A. Fletcher of the department of medicine, he has investigated the amount of pyruvic acid in human blood under various conditions. A study of the effect of vitamin B_1 on the synthesis of fat from carbohydrate was begun and work was carried out with reference to the relation of vitamin B_1 to the production of fatty livers. In co-operation with Dr. R. A. Cleghorn of the department of medicine, Dr. McHenry has made measurements of the requirements of several species of mammals for adrenal cortical hormone. Dr. G. A. McVicar has studied the stability of adrenal cortical extract under various conditions. He has also found that oestrin is highly toxic for adrenalectomised dogs.

Dr. Arthur Charles has developed a procedure by which a highly active heparin preparation may be obtained as a crystalline barium salt. This process has been adapted from an experimental stage to the processing of heparin from large lots of lung tissue. Further, this crystalline form produces no toxic effects when given to experimental animals or human subjects. This material has been supplied to the department of surgery for clinical investigation and is also available for general distribution. In addition, a less active heparin preparation has been made available for physiological purposes.

Section of Industrial Hygiene

Dr. H. M. Barrett has spent considerable time on studies on fat metabolism in collaboration with Dr. Best, Miss Ridout and Mr. Campbell, utilising deuterium-containing fats. The gravimetric method for the determination of deuterium developed late last year proved to be satisfactory. The work on the toxicity of trichlorethylene and carbon tetrachloride was continued with the assistance of Dr. MacLean who has been responsible for the histological work. Sufficient data are now available to warrant a report. Some studies of a material described by Forbes at the University of Virginia and stated by him to protect against liver necrosis are in progress. The data on atmospheric pollution in Toronto, which have accumulated during the past four years, are being prepared for publication. Studies on the toxicity of a bitumistic paint were undertaken at the suggestion of Dr. J. G. Cunningham. It was found to be a definite liver poison. Mr. K. K. Kay continued his studies on the transmision of ultra-violet energy by smoke. A new method for determining the transmission factor of a spectroradiometer was developed. Mr. Alexander Hands continued the study of trichlorethylene in the organism and succeeded in concentrating the metabolite resulting from the inhaled substance. A number of attempts to isolate the material have as yet been unsuccessful. The interesting observation that tetrachlorethylene fails to yield a substance similar to that obtained from trichlorethylene opens up possibilities of explaining the different physiological action of the two materials. Studies on other saturated and unsaturated chlorinated hydrocarbons indicate the former class to be violent liver poisons while the latter are not.

Dr. R. C. Partridge has continued experiments dealing with the effect on respiration of various nerves in the vagus trunk. Studies have been made to show how the influence of any one group of nerves is dependent upon the simultaneous action of other groups, as well as upon the tensions of O_2 and CO_2 in the respiratory centre. The radio amplifier has been used to identify the various fibres. Their action has been studied by noting the effects produced on respirations either by electrical stimulation of the fibres or by the elimination of their influence through cutting or cooling. The results obtained are of considerable significance and are in process of publication.

An apparatus has been adopted for electrical stimulation in physiological work where the stimuli can be controlled accurately as to frequency, strength and duration and can be applied for each heart beat or during the period of distension or deflation of the lungs as desired.

Dr. Partridge and Dr. MacLean have carried on further work dealing with ventilation in relation to public health. Investigations have been made of the sensation and physiological response of individuals to draughts. This problem has become important since the advent of modern methods of air conditioning. From these studies it was found that when conditions were maintained within the comfort zone, draughts with velocities up to 700 f.p.m. could be withstood without demonstrable effects on blood pressure, heart rate, basal metabolic rate or body temperature, although skin temperature was decreased by draughts. The majority (70 per cent.) of individuals were comfortable when the velocity of the draught was less than 80 f.p.m. A new method of recording changes within the nostril was developed using a photronic cell. With this apparatus it was seen that changes occur in the nose with draughts on the face of 100 to 500 f.p.m. The level at which changes occur in the nose is that at which the draughts were found to be uncomfortable.

Farm Section

In the Farm Section of the Laboratories, of which Dr. H. E. McKinnon is the resident assistant director, the production of the various biological products, diphtheria, tetanus, scarlet fever, perfringens and staphylococcus antitoxins, antimeningococcus and antipneumococcus sera, diphtheria toxoid, small pox vaccine and rabies vaccine, has, in the total, exceeded that of last year. At the same time the high potency per unit of nitrogen, the clarity and stability, have been fully maintained. It will be appreciated that this is not merely "running a mill" at a faster rate. Standards of quality are raised as the years pass. Progressively high standards of finished products require continuous change in methods, in selection of sources, in immunisation and in concentration and refining procedures. Such changes cannot be made haphazard, but must be based on experimental investigation. The results of such investigation are often of a negative character, often lack the definite conclusiveness that is desirable, and the change may prove not applicable to the problem of production among differing species of animals or in large-scale operations. Such investigation may merely suggest certain leads, the value of which can be determined only by the collection of data in the actual work of production over a long period. Thus, new factual information in this field is not quickly acquired. It comes slowly and often when it is finally accepted it is so woven into the general routine that it is not recognised as a specific contribution. For instance, the diphtheria toxin now used in producing antitoxin and, of later years, toxoid, is a much more potent one than that of, say, twenty years ago. But, as is to be expected in the field of biological complexes, one would have great difficulty in definitely assessing the value of each of the various changes made in the production that have been responsible for this difference.

It is with such problems or phases of problems that much of the work of the Farm Section is concerned. By way of illustration rather than review, brief mention may be made of some of this work.

Dr. Donald Cameron has identified and controlled certain factors influencing toxin production and has studied the influence of season on the antitoxin response of guinea-pigs to diphtheria toxoid.

Dr. Charles Siebenmann has continued his study of the influence and use of metallic silver in bacteriological work; of the relationship between globulin increase, as determined by his refractometric method, and antitoxin potency in horses undergoing immunisation for production of tetanus antitoxin; of the influence of the inoculation of the antigen into the central nervous system o the subsequent antitoxin response; of methods for reducing labour and the number of guinea-pigs required in testing antitoxin; and, with Dr. Geoffrey Rake, he has studied the relationship of immune notrogen in antimeningococcus serum, as precipitated by the specific polysaccharide, to the antibody content as demonstrated by the mouse-mucin test.

Dr. R. C. French has investigated new methods for fractionating antitoxic plasma and antisera, particularly antipneumococcus serum and has, with Dr. Rake, studied the relationship between the immune nitrogen combining with the specific pneumococcus polysoccharide and the protective antibody as shown by mouse-protection tests.

Dr. R. D. Heard has made very significant findings concerning the extraction and character of gonadotropic hormones in human pregnancy urine and mares' pregnancy serum and of the oestrogens from mare's pregnancy urine and has isolated several hitherto undescribed compounds from these sources.

Dr. Geoffrey Rake has studied the efficiency of various antigens in the production of anti-pneumococcus serum in horses and has established on a firm basis the mouse-mucin test which he introduced for the titration and standardisation of antimeningococcus serum. He has also investigated the value of a formalinised vaccine in the control of *B. enteriditis* infection in guinea-pigs.

Dr. E. G. Kerslake has continued his study of the blood and urine of horses and of the antitoxin response of horses and humans to tetanus toxoid. Mr. K. C. Gunn was transferred to Dr. Best's division in November in order to prosecute exclusively the investigation of the mutation found in the rat colony as noted in last year's report.

The mouse and rat colonies with a population of approximately 6,500 and 2,500 respectively have carried through another year free from evidence of any pathogenic infection. There are no deaths in the colonies, apart from those due to old age. The advantages of using animals from such colonies for experimental work are obvious. The guinea-pig colony suffered severely in the heat of July 1936, indicating the necessity for certain changes in the housing and caging. In the nine-month period over 29,000 animals were supplied from these colonies for use in experimental work and testing. A ferret colony has been started in order to supply animals required for research in influenza.

During the year improvements have been made in stabling accommodation and. on account of dearth of water during July and August. 1936, a new well, capable of delivering over 300 gallons per minute, has been developed.

Western Division, Connaught Laboratories

In the second year of its establishment, the Western Division, Connaught Laboratories, has consolidated its position as a centre of bacteriological research in Western Canada, and has continued to work in close co-operation with the department of bacteriology and preventive medicine at the University of British Columbia, and with the Provincial Board of Health Laboratories. The staff has numbered five. Dr. C. E. Dolman, as research member of the Connaught Laboratories, has given one-third of his time to the work of the Western Division. The industry and loyalty of Dr. R. J. Gibbons as full-time research assistant has contributed largely to the success of the activities of the Western Division.

Dr. Dolman has continued research on problems relating to staphylococcus toxins, toxoid and antitoxin. Further evidence confirming the specificity of the kitten test for the enterotoxin or food-poisoning substance produced by certain strains of staphylococci has been obtained. A search was made, in collaboration with Mr. R. J. Wilson, for an *in vitro* method of detecting food-poisoning strains of staphylococcus. Recent work, involving reciprocal absorption and flocculation methods, has given some promise of providing the desired *in vitro* method of differentiation. Interesting results have also been obtained bearing upon the chemical nature and antigenic relationships of the enterotoxin.

Efforts have been made to prepare staphylococcus toxoids of lessened reaction-producing properties and promising results have been obtained.

Dr. Gibbons has continued his studies on enteric infections, particularly those due to micro-organisms of the dysentery group. Samples of anti-dysentery Sonne serum have been prepared and assayed which, it is hoped, may shortly be tried out on patients. During the period under review, he has also commenced a programme of study of gonococcus. Conditions contributing to the successful isolation of the gonococcus in cases of suspected or residual gonococcal infection have been studied, and the relative efficiency of cultural methods and smear examinations in the detection of infectivity have been investigated. Studies on the identification of gonococci by carbohydrate fermentation tests, and on serological methods of grouping strains of gonococci, are now in progress.

In addition to many scientific reports, Dr. Dolman and his staff have given several lectures on the prevention of disease and kindred to lay audiences under the auspices of the University of British Columbia Extension Department, and independently to members of the Vancouver Board of Trade and similar organisations.

These lectures have afforded many opportunities of bringing to the attention of the public the importance of the research work being done at the Western Division.

Every effort has been made to ensure that the work of the Western Division should supplement, rather than overlap, investigations in progress at headquarters in Toronto. Close relationships have been maintained between Toronto and Vancouver by correspondence and by annual visits. The anti-dysentery horse sera used by Dr. Gibbons in his work, and the staphylococcal antitoxins required by Dr. Dolman, were obtained through the courtesy of Dr. McKinnon and the staff of the Farm. Various strains of staphylococci have been interchanged for various purposes between Dr. Kitching and Dr. Dolman. Last winter, at a time when Vancouver was experiencing a severe epidemic of influenza, nasal washings were obtained from several patients by Dr. Dolman (with the co-operation of Dr. K. F. Brandon, Health Unit Director under the Metropolitan Health Committee of Greater Vancouver), and were sent by the former to Dr. R. Hare as a possible source of influenza virus.

The policy has been continued of arranging joint fortnightly seminars, which were attended by the staff of the Western Division, the staff of the department of bacteriology and preventive medicine at the University of British Columbia, and the technical staff of the Provincial Board of Health Laboratories. The broadening of outlook on the significance of bacteriological research in relation to health and disease which has resulted from the presence of the Western Division at the University of British Columbia would be hard to over-estimate. This statement applies not only to the students in the departments of bacteriology and preventive medicine and of nursing, but in various ways to the University as a whole. It is significant that, whereas less than two years ago, at the time when the Western Division was first established, Dr. Dolman was informed by the President of the University that the Senate officially approved of only such research as related specifically to teaching, various departments are now openly and enthusiastically engaged in pure research problems. For the coming year, a small grant has even been obtained, out of University funds appropriated for this purpose, for the conduct of an investigation into the undulant fever problem in British Columbia by graduate students of the department of bacteriology and preventive medicine. This work will, of course, proceed with the close co-operation of the Western Division and of the Provincial Board of Health Laboratories, the latter of which has for some time been actively interested in a problem which is of such special local significance. The unsatisfactory nature of the regulations relating to the sale of milk in Vancouver has been repeatedly and vigorously brought to the attention of the Metropolitan Health Committee of Greater Vancouver by Dr. Dolman, who has been able to present authoritative evidence with detachment because of his associations with various organisations whose concern it is to accumulate information regarding the health hazards faced by the local community from continued failure to enforce pasteurisation of milk.

The benefits resulting from the association between the Provincial Board of Health Laboratories and the Western Division of the Connaught Laboratories have been manifold. For instance, two or three apparent outbreaks of staphylococcal food-poisoning have occurred in the City of Vancouver in recent months. Suspected materials were naturally brought to the Provincial Laboratories, where preliminary tests were carried out, the investigation being then completed at the University. In this work, the enthusiastic assistance of Mr. R. J. Wilson has proved invaluable. Mr. Wilson has been working under a Banting Research Foundation grant on problems relating to staphylococcus enterotoxin, and results of great interest and importance have been obtained. Incidentally, this was the first instance of a Banting Research Foundation grant being awarded to a student in this university. It is hoped that the opportunities afforded, by present arrangements, of close co-operation with the Western Division of the Connaught Laboratories—the only centre in Western Canada devoted entirely to the prosecution of research in preventive medicine—may lead in time to similar grants being made by the Banting Research Foundation in support of meritorious research projects, to be carried out by graduates of the department of bacteriology and preventive medicine at the University of British Columbia.

Again, in November, 1936, an outbreak of bacillary dysentery at Port Mellon, B.C., was reported to the Provincial Health Officer, who brought the matter to Dr. Dolman's attention. Dr. Gibbons was asked to investigate the outbreak. An epidemiological survey was made, and specimens were obtained for culture. The general and specific factors giving rise to the outbreak were thus determined, and the outbreak was quickly brought under control.

As a result of Dr. Gibbons' investigation during the past year on the cultural method of diagnosis of gonococcal infection, this method was made available to the Division of Venereal Disease Control of the Provincial Board of Health by the Provincial Laboratories in Vancouver. This is an important example, among several which could be cited, of preliminary research conducted in the Western Division having led to the adoption of a routine laboratory procedure, thus helping to place the public health laboratory work of this province on a very high level. That the benefits gained from this kind of relationship are fully appreciated by the Government has been shown by several public utterances of the Provincial Secretary and Minister of Education.

Incidentally the recent decision of the Government of British Columbia to place all the public health laboratory work of the Province under a Division of Laboratories of the Provincial Board of Health, with headquarters in Vancouver, will inevitably further enlarge the sphere of our potential activities, bringing the Western Division into touch with problems requiring epidemiological and bacteriological investigation in every section of the Province.

Relationships with the medical profession and with public health officials remain close and cordial. Opportunities are frequent for acquainting practitioners and health officers with information relating to the proper use of biological products prepared by the Connaught Laboratories. Evidence of the esteem in which the Connaught Laboratories is held in Vancouver is furnished by the fact that Dr. Dolman has been elected a privileged member of the Vancouver Medical Association, and has been appointed consulting bacteriologist to the Vancouver General Hospital. Moreover, he is a member of the Technical Advisory Committee of the Metropolitan Health Committee of Greater Vancouver.

The Western Division is gravely handicapped by lack of accommodation. Only one room approximately 24 feet square is available for its activities. There is no question but that greatly increased local prestige would accrue if larger and more suitable quarters were available. Moreover, expansion of activities in many appropriate directions would then become possible. The benefits accruing from the fact that the various organisations referred to in this report are under unified direction, would be greatly extended if it were possible for co-ordination of activities to proceed under one roof; so that, in the same building, teaching and research in preventive medicine could proceed in the closest conjunction with the public health laboratory work of the Province.

The Library

The librarian, Miss Olga Somerville, reports a further increase in attendance and loans for the year. Five hundred and thirty-six books were borrowed from libraries in Toronto and twelve from libraries outside the city. Volume VIII of the series of Collected Sutdies of the Connaught Laboratories was issued in March. Prior to last year, publication of the studies was made at intervals of several years. It is now felt that the number of papers contributed by the members of the laboratories is such that annual publication is desirable. The present volume contains fifty-one articles, all of which appeared during the year 1936. These were reprinted from nineteen journals: seventeen from the Canadian Public Health Journal, six from the Journal of Physiology, etc. The studies are distributed to the leading scientific libraries throughout the world.

The new products made available by the Laboratories during the year are: Protamine Zinc Insulin, pituitary extract (posterior lobe), pertussis vaccine (from freshly isolated strains), and a solution of highly purified heparin.

The Laboratories have been visited, as usual, by scientists from many parts of the world. In addition to the numerous visitors from many points in Canada, the United States of America, and Great Britain, we have had guests from the following countries: Argentina, Brazil, Chile, China, Costa Rica, Denmark, Federated Malay States, France, Germany, Greece, Holland, Jamaica, Korea, Manchuria, Mexico, Newfoundland, Switzerland, and Uruguay.

The acting directors wish to convey their sincere thanks to the members of the Connaught Laboratories Committee of the Board of Govenors for their kind reception of recommendations made during the year and to their colleagues in the Laboratories for their co-operation and loyal support.

(22) STATEMENT REGARDING THE MUSEUM OF ARCHAEOLOGY

(*Professor C. T. Currelly*)

During the past year, the singular good fortune that has attended the Museum from the start has remained with us. The increase in our collections has been very marked indeed.

Our prehistoric collection has again been enriched by some extremely good Persian bronzes, both weapons and vases, from Luristan, together with one piece of the quite rare pottery. Two pieces of Hittite bronze sculpture and a seal were received, some extremely important examples of neolithic flint work from Poland, and a very large number of specimens from the British excavations in the caves of Palestine, presented by the British School of Archaeology in Jerusalem.

An object of the greatest importance to us was obtained in the form of one of the glazed brick lions erected by Nebuchadnezzar between the palace gate and the outer gate of Babylon. This is a perfectly glorious piece of workmanship and was excavated by the German expedition that was at Babylon between 1899 and 1917. It is one of the most important things that has ever entered the Museum, and I hope may lead to a new industry in Canada.

Another object of international importance was obtained in the form of a 13th century painted stone Madonna and Child, in marvellous preservation and of a very great beauty. It is of Spanish origin and was at one time in the cathedral of Salamanca.

In general metalwork, the largest additions have been to the silver and Sheffield plate collections, the outstanding pieces being an 18th century Irish so-called potato-ring of exquisite workmanship, a fine posset cup made in 1698, and a French-Canadian monstrance by Laurent Amiot. In the department of arms and armour, a very dramatic acquisition was made, to be published later.

In general ceramics, the additions were few, a certain amount of English porcelain and a few figures being all that were obtained. In glass, however, we have been singularly successful. Owing to an extraordinary accident, a very large collection of the finest Irish glass, dating about the beginning of the 19th century, has come to the Museum. This is a collection that I really never expected we should be able to obtain, and illustrates the brilliant work of the glassmakers at that period. We also obtained a very good collection of English wine glasses, mainly of the 18th and early 19th centuries.

In textiles, the chief addition was a beautiful series of early printed Persian cottons. Several handsome dresses of the late 18th and early 19th centuries were received, four from Mrs. Clarence Webster of Shediac, one from Mrs. S. B. Chadsey, and a Belgian lace dress of extraordinary beauty and importance from Mrs. F. N. G. Starr.

In the department of printing and the book, our main additions have been a very large number of postage stamps, Mr. Paul Hahn again being our most generous donor.

Again the most notable growth has been made on the East Asiatic side. Two paintings that I think I can safely say are among the great pictures of the world, have been obtained and are now on the walls. They are frescoes painted in the 14th century on opposite walls of a great monastery in China. They were in an extremely good state of preservation and have now been removed from their background and mounted on canvas. A number of very strange masks in mother-of-pearl and marble, of a very early period, were obtained from China; also a collection of Shang dynasty carved bones, many pieces being inlaid in turquoise; an apple-green porcelain vase; a few fine bronzes: a hard stone image of a water-buffalo, a marvel of carving: and a large number of smaller objects, making up a series of Chinese material of very great importance. Mrs. W. J. Hanna, who for several years has contributed annually towards the Chinese collection, very generously made a donation sufficient to cover the cost of a collection of beautiful rock-crystal vases and figures of the 18th and 19th centuries.

On the Japanese side, we obtaned two painted screens decorated with the famous flower-cart; these, together with the pair in Boston, were made for a Japanese noble family about 1600. Certain pieces of metalwork, including some very fine swords dating from the 11th century down, were obtained through the Reuben Wells Leonard Bequest. In Japanese ceramics, a collection of thirty-seven tea-jars, 17th to 19th centuries, was obtained.

Just at the end of the year we received a piece of Indian Buddhistic sculpture of about the 10th century. It is in very hard stone and a characteristic piece of the period.

In the department of ethnology and American archaeology, we have had one of our greatest accessions—three thousand pieces of the most beautiful neolithic implements that I have ever seen in America. These were found as a result of the dust storms in Saskatchewan. They are made largely of semi-precious stones that do not occur within many hundreds of miles of the area in which the implements were found, but seem to belong to the Lower Columbia River valley: chalcedony, jasper, agate, obsidian, and some very beautiful semi-translucent flint. The patination shows that some are thousands of years old, and the workmanship is of the choicest type yet known in America. An important collection came from Miss A. C. McA. Munro of India, an African collection from Angola was obtained through Mr. R. L. Wilson, and our customary steady stream of general objects from the Arctic to South Africa continued.

The work of the catalogue has gone on as usual. The case-making progressed steadily and a good deal of time was spent in making a very large number of mounts. The rearrangement of the ethnological galleries was continued, a great mass of Mexican material being put into shape. Good progress was made in the label-printing. The teaching has gone on with such an increase in numbers that on one occasion I noticed that nineteen classes had taken place in the Museum at the same hour. The attendance of out-of-town schools and other groups is developing at a greater rate than we have the facilities for handling. Thanks to Dr. Sigmund Samuel, Sir Robert Mond, and the Provincial Government, an addition to the building is at present under way, which will house the great Chinese library and give more office space. Certain loan exhibits have been sent out and local exhibitions held in the Museum. The rapidly increasing use of the Museum is throwing a heavier and heavier burden on the staff.

(23) STATEMENT REGARDING THE ROYAL ONTARIO MUSEUM OF ZOOLOGY

(*Professor J. R. Dymond*)

Additions to the gallery exhibits prepared under the Reuben Wells Leonard bequest included a female pronghorn antelope and head of male antelope, black and white phases of the timber wolf, barren ground caribou, mule deer and coast black tail deer. To accommodate these large mammals and new type exhibits recently undertaken, some additional cases have been constructed.

The study collections have been augmented, largely as a result of field work and donations. A small amount of material has been purchased and some exchanges with other museums arranged. The number of specimens of the more important groups added during the year were as follows:

Mammals	1,116
Birds	2,129
Reptiles	147
Amphibians	301
Fish	286 lots
Molluscs	765 lots
Insects	2,354
Miscellaneous	957

Accessions to the library totalled 107 bound volumes and 2,522 unbound publications.

Among the more important donations were:

Canadian Pacific Railway Co. Mounted specimen of record maskinonge.
Deeks, Douglas B. 16 birds, 11 mammals, and 4000 feet motion-picture film.
Fletcher, J. F. S. 63 mammals, 229 birds, 15 nests, 60 eggs, 17 amphibians, 10 fishes, 30 lepidoptera, 13 lots of molluscs, 8 lots of crustaceans, 8 lots of other invertebrates.
Hahn. Paul. 3 passenger pigeons.
Marsh. Rev. D. B. 1 Barren Ground Caribou. 20 mammals. 3 birds. 4 lots of insects, 9 lots of other invertebrates.
Proctor, Mrs. Carol. 1 passenger pigeon.
Sparkes, R. P. Champion bulldog 'Bunjie'.
Stevenson, J. A. A large collection of fishes and other marine material.
Toronto Parks Dept. 23 mammals, 16 birds, including Zebra. Antelope. Tasmanian Devil, Wallaby, two-toed sloth, yak, penguin, flamingo and peacock.
Walker, Dr. E. M. Complete set of 27 volumes (1857-1916) of the "Canadian Naturalist and Geologist"; 26 shells.
Winnett, Dr. F. Painting of two female passenger pigeons and a killdeer, painted in Ontario in 1834 by H. N. S. Shrapnel.

Donations were also received from the following: V. C. Acheson. Dr. A. E. Allin, Mr. Armstrong, H. Arnold, D. Augustine, E. Bailey. N. L. T. Baillie. Miss H. Bain, Prof. E. W. Banting, H. Barnett, T. Barnett, R. Barr. A. E. Bastedo, L. H. Beamer, G. Beare, H. Bell, H. P. Bingham, Biological Board of Canada, R. D. Black, Dr. H. M. Bowen, L. S. Boyd, C. G. Brennand, J. F. Brimley, Major Allan Brooks, R. C. Brooman, H. H. Brown, A. Buchanan, G. E. Bucher. E. R. Buckell, F. Butters, K. Carson, H. Cavalier, D. Chitty, C. S. Clapp, Dr. C. H. D. Clarke. G. Clark, Dr. F. A. Clarkson, R. R. Cockburn, Miss T. M. Cope, M. S. Corbin, C. E. Corfe, Dr. A. Cosens, Prof. A. F. Coventry, R. Crewe, W. V. Crich, S. Criddle, J. Crofts, M. W. Curtis, E. Davidson, Dr. V. Davidson, Mrs. M. Dawson, Col. L. S. Dear, Miss de St. Remy, O. E. Devitt, J. G. W. Dillin, K. H. Doan, G. E. Doran, C. Duckworth, C. W. Dunn, Miss Edminson, J. Edmonds, Mrs. Edmonds, H. Ellis. F. H. Emery, T. W. Fairlie, F. Farley, Prof. J. B. Ferguson, R. G. Ferguson, Dr. W. F. Ferrier, J. A. Fisher, A. M. Fitzgerald, J. H. Flemming, J. W. Forbes, W. Foxcroft, C. H. Franklin, K. Freeman. C. Frick, A. Gatto, R. J. Gill, H. K. Gordon. Mrs. W. Gordon, E. Grant. Mrs. A. B. Green, Miss T. Green, J. L. Grew, Wm. Gunn, Dr. S. Hadwen, W. Hahn, H. M. Halliday, Mrs. H. M. Halliday, Mrs. C. G. Harbour, Miss F. Harkness, Prof. W. J. K. Harkness. J. L. Harper, Dr. P. Harrington, Dr. J. L. Hart, Mrs. R. D. Hebb, C. M. Heddle, A. Helmsley, V. Henderson, Rev. H. B. Herrington, W. H. B. Hoare, R. E. S. Homans, C. E. Hope, J. Howard, E. R. Hunter, Dr. W. E. Hurlburt. Dr. F. P. Ide, H. R. Ivor, R. Jeffries, J. H. Jennings, Mrs. M. Jewellett. S. D. Jinks, R. B. Johnston, J. L. Jorgensen, A. Kay, A. E. Kay, Charles E. Kay, H. C. Keenan. W. Kennedy, B. Kirby, Mrs. M. R. Kuhns, Mrs. A. H. Land, M. Landon, Chief Justice F. R. Latchford, A. H. Lawrie, G. M. Laycock, Dr. A. H. Leim, W. J. LeRay, Miss I. Limbert. G.

Lindblatt, R. V. Lindsay. Mrs. M. Lishman, Dr. H. W. B. Locke, W. Longhurst, A. Lucas, G. W. Lucas, R. Lunn. W. H. Lunn. L. Mably. Rev. E. J. MacDonald, Miss B. MacLean-Howard. Dr. D. A. MacLulich. J. Maffei. W. Mansell. J. May, Prof. T. F. McIlwraith, Dr. W. G. MacCallum. C. McInnis, H. V. McIntyre, Dr. J. McKay. C. A. McKenna. Dr. J. N. McKinley, J. C. Medcof. M. Merton. Mrs. L. Middleton. J. J. Miller. R. B. Miller. Miss M. S. Milne. J. Miner, Miss M. Mitchell, J. E. Moore, R. Morris. F. Morton. F. Mowat. Mrs. A. Mulock, A. R. Muma. R. Munn, Miss A. Munro. J. A. Munro, D. Murphy, National Parks of Canada. A. W. H. Needler. G. Nelson. H. C. Nunn, K. O'Brien, Miss R. O'Grady. Ontario Dept. of Game and Fisheries. R. H. Ozburn. Prof. M. A. Parker. Miss L. J. Payne. H. Pickering. P. Priestley. A. L. Pritchard. B. Proctor. N. W. Radforth. Mr. Rainbow. Dr. D. S. Rawson. Miss E. J. Reynolds. K. Reynolds. H. Richardson. Dr. W. E. Ricker. E. V. Rippon. C. Robb. W. H. Robb. Miss D. Robbins. W. W. Robbins. E. Robertson. J. B. Robinson. W. Robinson. J. A. Rodd. H. M. Rogers. J. Ronayne. C. E. Roos. F. L. Rowlinson. Royal Ontario Museum of Archaeology, P. S. Rubins. F. Rutherford. Mr. Sager, Prof. P. Sandiford. Dr. W. E. Saunders, D. M. Scott, Dr. E. Seaborn. R. W. Sheppard, J. Shortreed. H. F. Skey. W. R. Skey. B. Smale, Miss M. Smith. H. H. Southam, Dr. H. M. Speechley, J. M. Speirs. R. M. Speirs, J. Spillet. W. B. Stallworthy, Dr. D. A. Stewart. G. Stewart. Mrs. K. Stilwell. J. Sutton. H. W. Swaine, Miss S. Taylor, S. L. Thompson. Dr. A. Thomson, C. Thomson. G. C. Toner, Dr. A. Topping, Toronto Humane Society. H. H. Townson. H. Trefzegar. W. A. Trickey. H. S. Troyer, University of Michigan. R. D. Ussher, H. Wallace. S. Waller, F. W. Warwick. F. Watson, W. Watson, R. V. Whelan, H. C. White, Mrs. A. R. Whittemore. G. V. Wilby, Prof. M. Y. Williams. A. A. Wilson. Const. F. L. Wilson. H. Wise. A. A. Wood, Miss G. Workman. R. Wright. Zoologisk Museum.

The arrears of cataloguing which have faced the museum ever since we moved into the new building are being gradually overtaken. although some divisions are farther behind than others and it will require several years to get the scientific collections properly catalogued and arranged.

The co-operation of several hundred correspondents throughout the province should also be acknowledged. These persons report regularly to the Museum on changes in the numbers of various animals in their localities. Such records are expected to be of great value in the future in the study of periodic fluctuations and other phenomena connected with animal populations under natural conditions.

The taxonomic and faunistic studies mentioned in the previous report have been continued and in some cases enlarged.

The educational and extension work of the Museum is increasing rapidly. These activities include instruction of classes and other organised groups in the gallery, open evenings. lectures both in the Museum and outside. publication of handbooks, leaflets, etc.. and assistance to naturalists' and sportsmen's organisations.

(24) STATEMENT REGARDING THE ROYAL ONTARIO MUSEUM OF GEOLOGY

(*Professor E. S. Moore*)

During the past year an important step was taken in the appointment. for the first time, of an assistant director. Dr. J. Satterly, lecturer in geology was appointed to this position and he has given valuable assistance in the work of the Museum. Two lectures were given by the staff in the Tuesday afternoon series in Science: The *Story of Nickel* by the director and The *Economic Importance of the Mineral Deposits of Southern Ontario* by the assistant director.

The following donations were received:

Concretion from Englehart, Ont. by J. Jackson.

Gold Ore from Kerr-Addison mine, Larder Lake. Ont.

Chamberlin and Salisbury's Geology. Vols. I, II, and III. for the Library, by Professor A. L. Parsons.

Concretions from Lake Piedmont, Quebec by Dr. J. Satterly.
Purchases: Concretions from California.
Gold ore; an unusually rich specimen from the Parkhill mine, Ontario.
Copper ore; a large slab of native copper found on Trans-Canada highway near Point Mamainse, Lake Superior.
Gold ore from the O'Brien-Cadillac mine, Quebec.
Wernerite from Madagascar.
Enargite from Cerro de Pasco, Peru.
A quantity of sodalite from the Princess quarry, Bancroft, Ontario.
Zinc ore (Descloizite) from Uitsab, S. W. Africa.

The relief model of the Sudbury nickel field, made by Miss Ruth Sutton under the direction of the staff, has been completed and a section model of this remarkable area has also been made and installed in the gallery. A geological relief model of the Toronto region is now being prepared since such models add greatly to the interest of the public in the Museum and they are of great educational value.

Collections during the year consisted of gneiss from Haliburton County, phlogopite from Frontenac County and gold ore and associated rocks from Cordova Mines, Ontario, by the director.

(25) STATEMENT REGARDING THE ROYAL ONTARIO MUSEUM OF MINERALOGY

(*Director, Dr. T. L. Walker*)

By A. L. Parsons

In the year under review the Museum was extremely unfortunate in the illness of the Director which has prevented him from undertaking any active work.

Professor A. L. Parsons, assistant director, was able to make a collecting trip in Frontenac, Renfrew and Hastings counties, Ontario, for a period of about two weeks in the month of July, securing some large and striking specimens which have been put on display in the gallery, and a large quantity of material to be used in research and in our exchanges with other institutions.

In addition, the collections have been further enriched by purchase, exchange and donations by friends. Further additions of fine specimens of gemstones have been made from money provided by the bequest of the late Reuben Wells Leonard, Esq. The collection now contains specimens of most of the gemstones and is one of the most popular exhibitions in the gallery.

The automatic balopticon with its series of pictures relating to the mineral industry continues to be an attraction to young and old alike. The exhibit of fluorescent minerals is a never-failing attraction where thousands can see the different effect of ordinary light and ultra-violet light in producing colour in certain minerals. An ever increasing number of students are making use of the systematic collections of minerals and rocks and the paragenetic collections, with most gratifying results.

During the past year several special excursions of school children from other centres in Ontario have come to the museum on Saturdays. This involves extra work by members of the staff of the museum to give instruction to groups in the gallery. Arrangements are being made to continue this extremely important phase of the museum's work during the coming year, which may possibly involve the employment of assistants for the work.

The work of the past twenty-five years has augmented a good University collection of minerals until now the Museum has not only one of the finest gallery displays in America but also a collection which in point of completeness is excelled by very few museums in the world. This Museum has been a pioneer in the extensive use of the descriptive label with large specimens and special series so as to point out to the visitors important features that are illustrated. This type of label has received much favourable comment from representatives of similar institutions who feel that to be of the greatest good to the public a museum should consist of a fine series of descriptive labels suitably illustrated by good specimens, rather than a series of specimens with names and localities only.

As was to be expected, the work of the Museum during the past year has suffered because of the absence of the Director. The routine work has been well carried on by the two paid non-scientific assistants, but with the additional University work that had to be undertaken by the assistant director and the part-time scientific assistant, there was little opportunity to undertake important investigations more particularly of new material. It is hoped that this phase of the Museum's work may be carried on during the coming year with results that may be of value to the mineral industry.

(26) STATEMENT REGARDING THE ROYAL ONTARIO MUSEUM OF PALAEONTOLOGY

(*Dr. Madeleine A. Fritz*)

During the past year a number of interesting exhibits have been installed in the galleries among which may be noted:

(*a*) A very fine specimen *Glyptodon*, an extinct armadillo-like mammal from the Pleistocene of South America.

(*b*) The head of a giant sloth, *Megatherium americanum*, also, from South America.

(*c*) A complete skeleton of *Equus occidentalis*, the Pleistocene horse.

(*d*) A case illustrating "how dinosaurs are collected and prepared".

(*e*) Two cases showing several very large ammonites from the Cretaceous rocks of Alberta along with a painting representing the general sea life of that geological period.

(*f*) A restoration of a Carboniferous sea bottom in which the characteristic life is illustrated by a series of wax models.

Besides the above mentioned exhibits a large coloured chart representing the development of animal and plant life throughout the ages has been placed in the south gallery.

The vertebrate preparators have well under way a Pleistocene mammal group from California in which the sabre tooth tiger figures prominently. Considerable work has also been done on the skeleton of the horned dinosaur *Styracosaurus* and on the skull of the carnivorous dinosaur *Gorgosaurus*.

In invertebrate palaeontology during the past year the late director, Dr. W. A. Parks, continued his work on the Devonian stromatoporoids. For the past twenty-five years, Dr. Parks had interested himself in this group of fossils. In this, his last work, he was hoping to bring to a conclusion what would have been a monographic study on this unique group of Palaeozoic animals.

In connection with the Museum's general educational program members of the palaeontological staff have taken care of over forty lectures to children from out-of-town schools, in addition to two Saturday morning lectures to groups of over five hundred Toronto children.

In the series of popular public lectures offered by the committee of directors the museum of palaeontology contributed two.

The Museum has installed this spring in the Library at Kitchener a palaeontological exhibit dealing with the development of plant and animal life throughout the ages. This exhibit is one of a series of travelling exhibits that the various departments in the Museum propose to send out to local centres in order that a greater number of people in Ontario may be brought in touch with the work being done by this institution.

The following list indicates the chief acquisitions to the Museum during the past year:

By donation

- 2 teeth of woolly mammoth—Mr. H. Anderson and Mr. F. Parnell, St. Davids, Ontario.
- Silurian coral—Mr. J. F. Davidson, Upper Canada College, Toronto.
- Large collection of Devonian fossils; also, collection of Cretaceous fossils from Alberta—Dr. W. S. Dyer, O'Brien Gold Mines, Toronto.
- *Isotelus maximus*, a large trilobite—Mr. O. Lawrence, 29 Hillside Ave., Toronto.
- Ostracode specimens—Dr. M. G. Kay, Columbia University, New York.
- Collection of Eocene pelecypods—Mr. J. Oughton, Royal Ontario Museum of Zoology, Toronto.
- Specimen of fossil coral—Mr. R. V. Whelan, Smoky Falls, Ontario.
- Cephalopod in black marble—Mr. H. G. Brooks, Toronto, Ontario.

By purchase

- Set of Devonian fossils from Eureka district, Nevada; set of Cambrian fossils from Nevada—Percy Train, M. E., Lower Rochester, Nevada.
- Large set of invertebrate fossils from Western Canada—Mr. D. J. McKillop, Regina, Saskatchewan.
- Skull and jaws of fossil rhinoceras, *Teleoceras fossiger*—Mr. G. F. Sternberg, Hays, Kansas.
- Fine set of crinoid specimens—Mr. H. L. Strimple, Lower Rochester, Nevada.

(27) STATEMENT REGARDING THE EDUCATIONAL WORK OF THE ROYAL ONTARIO MUSEUM

(*Helen Reynar, Secretary-Treasurer*)

Several new features have been introduced into the educational programme of the Museum during the past year with a view to extending its usefulness more widely throughout the Province.

A plan was devised by Miss Ruth M. Home, M.A., the museum lecturer, whereby out-of-town schools may arrange for a day's visit to the Museum. This has been made possible through the cooperation of railway and bus company officials, who give special rates, and of the museum directors and their assistants, who plan a series of gallery talks on the museum collections. In addition to the programme of lectures, lunch is served in the tea-room and motion pictures are shown in the theatre. On these "Days" valuable assistance has been given by members of the Boy Scouts Association who conduct the groups from one lecture to another. A total of 3,561 children from Kitchener, Brantford, Galt, Ingersoll, St. Catharines, Woodstock, and Hamilton have taken advantage of this plan to visit the Museum; also students from McMaster University, Hatfield Hall and Appleby School.

A further attempt to bring the Museum to communities outside of Toronto was the preparation of three sets of "Travelling Exhibits", two from the museum of archaeology, and one from palaeontology. Arrangements were made with the Public Libraries of Kitchener and Galt to have these exhibits installed in rotation. Public lectures were given in these places by Dr. C. T. Currelly and Dr. Madeleine Fritz on the collections from their respective galleries. Plans for the extension of this scheme are under consideration for the coming year.

Twelve illustrated lectures on Museum subjects were arranged for school children on Saturday mornings, with an average attendance each week of 700. These programmes will be continued for a second season.

A very successful innovation was the arrangement by which the Museum was opened, one floor a night, on six Wednesday evenings during the winter, to provide an opportunity for groups of business and professional men and women to visit the Museum. Among the many groups availing themselves of this service were the Kiwanis Club, the Young Men's Canadian Club, the York Bible Class, the Zonta Club, University Lodge, A. F. & A. M., the Toronto Field Naturalists' Club, and the Central Dental Association.

Miss Home's pay lecture courses on interior design, pottery and porcelain, the modern home, and 18th century England were well attended.

In addition to these special groups, Miss Home has lectured to hundreds of students from public and private schools, collegiate institutes, normal schools, and to many clubs and societies.

Miss Lilian J. Payne, B.A., lecturer at the Museum under the Board of Education, has given instruction to 672 classes of fourth book pupils, totalling 25,480 during the school year. Four classes visit the Museum daily, according to a schedule made out by the Board of Education.

Mr. F. A. Urquhart, B.A., a recent addition to the teaching staff, has given talks on zoological subjects to 4,621 persons during the year. He has also rendered valuable assistance with the Saturday morning programmes for children and with the Junior Field Naturalists' Club, which meets at the Museum on Saturday mornings under Mrs. A. R. Whittemore's direction.

The directors and their assistants are in constant demand for lectures, in the Museum and elsewhere. The popular Tuesday five-o'clock lectures under the auspices of the Committee of Directors were held for the fourth consecutive season, the first seven on archaeological subjects, and the remaining ten on natural history. These lectures were well attended.

A set of 180 postcards illustrating objects in the Museum has been prepared. These cards are sold at a comparatively low price and are being widely distributed to teachers of British history and literature.

The total attendance for the year ending 30th June, 1937, was 289,428.

(28) REPORT OF THE DIRECTOR OF THE DAVID DUNLAP OBSERVATORY

(Professor R. K. Young)

The David Dunlap Observatory was formally opened on May 31, 1935. The first report of the director covers the two year interval since that time. This splendid gift to the University of Toronto by Mrs. Jessie Donalda Dunlap as a memorial to her husband is dedicated to astronomical research and the diffusion of astronomical knowledge. The staff of the observatory is also the teaching staff in the department of astronomy at the University.

The telescopic equipment consist of a 74-inch reflecting telescope with a silver on pyrex glass mirror and can be used either at the Newtonian focus or at the Cassegrain focus. At the former it is utilised for making direct pictures of the sky and at the latter is used in conjunction with a prism spectrograph to photograph the spectra of the stars. The telescope has functioned extremely well since its installation. There are however some difficulties which have manifested themselves with time. The chief of these have their origin in our extremely changeable climate. During a cold spell the telescope, which is very massive, takes the temperature of the surrounding air and when the temperature outside rises the telescope frequently becomes covered with condensation. We have partially met this difficulty by blowing warmed air around the mirror and its cell to keep it dry. Even so, moisture sometimes collects on the mirror's surface. Condensation of moisture ruins a silver coat and necessitates frequent silvering of the large mirror. The best remedy for the difficulties arising from the changeable climate would be to have the mirror coated with aluminum. The apparatus and methods of doing this are now well known and it is to be hoped that funds can be found for installing the necessary apparatus.

It has been the endeavor of the staff to utilise the telescope on every clear night from sunset to sunrise. During the session 1935-36 work was prosecuted on 192 nights of which 110 were broken by clouds, the total number of working hours being

1,096. During the session 1936-37 work was prosecuted on 198 nights of which 107 were broken by clouds and the total number of working hours was 1.186. In the 2,282 working hours, 2,064 photographs have been secured. The details of the various research programmes in which these plates were utilised appear elsewhere under research.

A great need is felt at the observatory for subsidiary pieces of apparatus for the utilisation of all the data that is recorded on photographs taken with the telescope. We have made in the workshop a Hartmann microphotometer, a spectrum sensitometer, two control clocks for the telescope and many minor pieces of apparatus. Plans are under way for the construction of a self-recording microphotometer. Our thanks are due to the department of physics for permission to use their recording microphotometer during the past two years. In order to purchase the subsidiary laboratory apparatus urgently needed we would require a capital appropriation of about 20,000 dollars. Until such time as funds can be found we are endeavoring to make in our workshops as many of the minor pieces as our equipment and time will permit.

The library of the observatory, in charge of Miss E. M. Fuller, is an essential part of the research equipment. At present there are 3,089 bound volumes in the library. Of these 1,615 are on loan from the Royal Astronomical Society of Canada. A large fraction of the remainder was a gift from the director emeritus, Dr. Chant, to the observatory. Besides the bound volumes there is probably an equal amount of unbound material.

The grounds and buildings of the institution are directly under the care and management of the superintendent of the University. Our thanks are due to them for the efficient manner in which they have taken care of the buildings and maintained the grounds within the limits of the resources available. It is eminently desirable that the grounds be planted out with some kind of trees and shrubs at as early a date as possible.

From the time of the opening of the observatory we have had many requests by the public to be allowed to inspect the observatory and view objects through the telescope. In order to meet this interest we have allowed visitors access to the buildings on every afternoon, Sundays and holidays excepted, and have set apart Saturday evenings for viewing objects through the telescope. During the session 1935-36 over 3,000 visitors attended these open evenings and in the session 1936-37 about 2,500. A great number besides visited the institution in the afternoons.

APPENDIX B

REPORT OF THE REGISTRAR

(*A. B. Fennell, Esq., M.A.*)

I beg to submit the following statistics for the year ending June 30th, 1937:—

(*a*) Distribution of the staff of the University and University College (furnished by the Bursar).

(*b*) Distribution of the staffs of the federated Arts Colleges (furnished by the Registrars of the colleges).

(*c*) Registration of students by faculties and years.

(*d*) Enrolment in the Arts Colleges (furnished by the Registrars of the colleges).

(*e*) Enrolment in the university departments in Arts (furnished by the departments).

(*f*) Registration in courses in the Faculty of Arts.

(*g*) Registration in courses in the School of Graduate Studies (furnished by the Secretary of the School).

(*h*) Results of annual examinations (furnished by the Secretaries of the faculties).

(*i*) Admission to degrees.

(*j*) Admission to diplomas and certificates.

(*k*) Geographical distribution of students (furnished by the Secretaries of the faculties).

(*a*) Distribution of the Staff of the University and University College:

	Professors	Associate Professors	Assistant Professors	Associates	Lecturers	Directors	Assistant Directors	Instructors	Other Sessional Appointments
University (Faculty of Arts)	42	29	31	—	38	—	—	—	132
University College	16*a*	7	7	—	11	—	—	—	4
Faculty of Medicine	26*b*	8	30	28	19*c*	—	—	—	189*b*
Faculty of Applied Science	14	11	10	—	21	—	—	—	45*d*
Faculty of Household Science	2	—	2	—	5	—	—	—	8
Ontario College of Education	8	3	4	—	21*e*	—	—	26	—
Faculty of Forestry	2	2	1	—	1	—	—	—	—
Faculty of Music	—	—	—	—	4	—	—	—	—
Faculty of Dentistry	11	7	1*f*	18	1*f*	—	—	—	7
Social Science	—	1	—	—	15*g*	1*b*	1	—	1
School of Nursing	—	—	—	—	36*h*	1	1	—	—

a 1 also in University
b 1 also in Arts
c 2 also in Dentistry
d 1 also in University College
e 2 also in University College; 1 also in Medicine and Dentistry
f 1 also in Medicine
g 1 also in Arts; 1 also in Dentistry
h 17 also in Medicine; 1 also in Dentistry; 1 also in Ontario College of Education

(*b*) Distribution of the Staffs of the Federated Arts Colleges:

	Victoria College	Trinity College	St. Michael's College
Professors	11	10	15
Associate professors	6	4	9
Assistant professors	5	..	1
Lecturers	9	3	16
Instructors	4	..	9
Fellows	1	2	..
Readers	1	2	..

(c) Registration of Students by Faculties and Years:

The number of students registered in the university, in colleges and faculties, in the session 1936-37 was 7,448, distributed as follows:

				Men	Women	Total
Faculty of Arts				2,301	1,851	4,152
University of Toronto	747	640	1,387			
University College	605	481	1,086			
Victoria College	462	465	927			
Trinity College	253	136	389			
St. Michael's College	234	133	367			
Registered twice	...	4	4			
Faculty of Medicine				796	77	873
Faculty of Applied Science and Engineering				786	3	789
Faculty of Household Science				...	43	43
Ontario College of Education				405	293	698
Faculty of Forestry				33	...	33
Faculty of Music				30	20	50
School of Graduate Studies				464	173	637
Faculty of Dentistry				195	26	221
Registered twice				36	12	48
				4,974	2,474	7,448

In departments there were registered 688, distributed as follows:

	Men	Women	Total
Department of Social Science	13	80	93
School of Nursing	...	509	509
University Extension (Occupational Therapy)	...	45	45
University Extension (Physiotherapy)	...	41	41
	13	675	688

The grand total registration for the whole university was 8,136, of whom 4,987 were men and 3,149 were women.

In addition there were 6,435 persons registered in the Department of University Extension in courses and at provincial centres which are referred to in detail in Appendix A (14).

The figures may be further analysed as follows:

Faculty of Arts

University of Toronto

	Men	Women	Total
Teachers' Classes and Summer Session	495	606	1,101
Occasional Arts students	252	34	286
	747	640	1,387

University College

	Men	Women	Total
First year undergraduates	184	164	348
Second year undergraduates	182	122	304
Third year undergraduates	136	131	267
Fourth year undergraduates	93	47	140
Occasional students	10	17	27
	605	481	1,086

Victoria College

	Men	Women	Total
First year undergraduates	162	152	314
Second year undergraduates	114	135	249
Third year undergraduates	116	126	242
Fourth year undergraduate	68	50	118
Occasional students	2	2	4
	462	465	927

Trinity College

	Men	Women	Total
First year undergraduates	91	44	135
Second year undergraduates	71	38	109
Third year undergraduates	60	37	97
Fourth year undergraduates	30	17	47
Occasional students	1	..	1
	253	136	389

St. Michael's College

	Men	Women	Total
First year undergraduates	78	54	132
Second year undergraduates	82	39	121
Third year undergraduates	55	31	86
Fourth year undergraduates	17	5	22
Occasional students	2	4	6
	234	133	367

Faculty of Medicine

	Men	Women	Total
First year undergraduates	132	20	152
Second year undergraduates	148	11	159
Third year undergraduates	136	10	146
Fourth year undergraduates	132	11	143
Fifth year undergraduates	102	10	112
Sixth year undergraduates	114	8	122
Candidates for Degree of B.Sc. (Med.)	4	1	5
Candidates for Diploma in Public Health	17	..	17
Candidates for Diploma in Psychiatry	3	1	4
Graduate students	2	5	7
Occasional students	6	..	6
	796	77	873

Faculty of Applied Science and Engineering

	Men	Women	Total
First year undergraduates	282	..	282
Second year undergraduates	204	1	205
Third year undergraduates	154	..	154
Fourth year undergraduates	135	1	136
Fifth year undergraduates	11	1	12
	786	3	789

Faculty of Household Science

	Men	Women	Total
First year undergraduates	..	4	4
Second year undergraduates	..	11	11
Third year undergraduates	..	16	16
Fourth year undergraduates	..	12	12
	..	43	43

Ontario College of Education

	Men	Women	Total
Students in attendance	138	202	340
Extra-mural students	90	72	162
Students in B. Paed. course	184	19	203
Registered twice	7	..	7
	405	293	698

Faculty of Forestry

	Men	Women	Total
First year undergraduates	14	...	14
Second year undergraduates	6	...	6
Third year undergraduates	6	...	6
Fourth year undergraduates	7	...	7
	33	...	33

Faculty of Music

	Men	Women	Total
First year undergraduates	8	2	10
Second year undergraduates	10	12	22
Third year undergraduates	12	6	18
	30	20	50

School of Graduate Studies

	Men	Women	Total
Candidates for Degree of Ph.D.	112	22	134
Candidates for Degree of M.A.	94	46	140
Candidates for Degree of M.A.Sc.	12	1	13
Candidates for Degree of C.E.	1	...	1
Candidates for Degree of E.E.	1	...	1
Candidates for Degree of D.Paed.	85	7	92
Candidates for Degree of M.Sc. (Dent.)	1	...	1
Candidates for Degree of M.S.A.	19	...	19
Candidates for Degree of D.V.Sc.	2	...	2
Graduate students	137	97	234
	464	173	637

Faculty of Dentistry

	Men	Women	Total
First year undergraduates	38	1	39
Second year undergraduates	42	...	42
Third year undergraduates	35	1	36
Fourth year undergraduates	26	1	27
Fifth year undergraduates	51	...	51
Candidates for Degree of B.Sc. (Dent.)	3	...	3
Candidates for Diploma in Dental Nursing	...	23	23
	195	26	221

Department of University Extension

	Men	Women	Total	Grand Total
B.A. Course				
Summer Session:				
Regular students	209	314	523	...
Occasional students	12	7	19	542
Teachers' Classes:				
Toronto:				
Regular students	305	315	620	...
Occasional students	11	8	19	...
Fergus:				
Regular students	2	12	14	653
Specialists' Courses				
Summer Session:				
Regular students	33	4	37	37
Registered twice	77	54	131	131
	495	606	1,101	1,101

Department of Social Science

	Men	Women	Total
First year full-time students	5	26	31
Second year full-time students	5	26	31
"Apprentice" students (second year)	2	5	7
Part-time students	1	23	24
	13	80	93

School of Nursing

	Men	Women	Total
Full-time students	...	100	100
Part-time students	...	409	409
	...	509	509

(*d*) Enrolment in the Arts Colleges

(1) University College:

	Greek	Latin	Greek and Roman History	Oriental Languages	Oriental History	English	German	German (sc.)	French	Ethics	Oriental Literature
First Year—											
Pass	12	15	37	16	12	183	36	46	210	16	95
Honour	6	18	9	1	8	42	17	..	35	2	..
Second Year—											
Pass	9	11	15	16	17	138	25	39	120	31	97
Honour	8	16	9	6	3	30	17	..	30	8	..
Third Year—											
Pass	5	12	41	6	12	102	14	..	77	58	84
General	..	..	..	..	..	3	1	..	2	..	..
Honour	2	10	3	6	3	30	14	..	25	31	..
Fourth Year—											
Pass	..	..	16	..	..	..	..	..	..	10	73
General	..	..	..	..	..	..	..	..	1	..	..
Honour	7	15	11	1	1	30	15	..	26	5	..
Totals—											
Pass	26	38	109	38	41	423	75	85	407	115	349
General	..	..	..	..	..	3	1	..	3	..	..
Honour	23	59	32	14	15	132	63	..	116	46	..
Teachers' Classes	..	6	..	..	..	73	2	..	20	12	..
Graduate Studies	12	..	7	16	..	72	9	..	12	..	..
Other Faculties	..	..	..	..	..	..	255	..	175	..	..
Grand Total	61	103	148	68	56	703	405	85	733	173	349

(2) Victoria College:

	Greek	Latin	Greek and Roman History	Oriental Languages	Oriental History	English	German	German (Sc.)	French	Ethics	Religious Know.
First Year—											
Pass	10	9	36	6	2	138	14	49	169	21	102
Honour	8	19	16	1	3	34	35	..	50	..	..
Second Year—											
Pass	7	4	19	7	2	114	11	30	93	16	117
Honour	1	13	5	..	..	34	23	..	39	10	..
Third Year—											
Pass	4	11	49	1	3	84	14	..	62	47	114
General	..	..	1	..	..	..	..	..	..	..	..
Honour	8	14	7	..	..	23	17	..	20	10	..
Fourth Year—											
Pass	..	..	22	..	..	..	..	..	..	14	46
General	..	1	2	..	..	..	..	..	1	..	..
Honour	3	9	3	..	..	32	12	..	12	9	..
Totals—											
Pass	21	24	126	14	7	336	39	79	324	98	379
General	..	1	3	..	..	..	..	..	1	..	..
Honour	20	55	31	1	3	123	87	..	121	29	..
Teachers' Classes	..	..	..	..	..	55	..	..	13	..	..
Graduate Studies	2	10	..	3	4	15	6	..	6	9	..
Grand Total	43	90	160	18	14	529	132	79	465	136	379

(3) Trinity College:

	Greek	Latin	Greek and Roman History	Oriental Languages	Oriental History	English	German	German (Sc.)	French	Ethics	Religious Know.
First Year—											
Pass	2	7	8	..	..	59	12	12	62	4	115
Honour	4	7	15	..	..	20	3	..	8	18	..
Second Year—											
Pass	3	3	..	3	..	33	2	8	22	12	98
Honour	1	2	2	..	..	15	8	..	13	6	..
Third Year—											
Pass	8	6	5	5	..	35	8	..	27	15	92
General	..	..	..	..	..	1	..	..	..	1	..
Honour	6	9	8	..	..	9	..	..	3	1	..
Fourth Year—											
Pass	..	..	..	..	1	..	..	..	..	..	40
Honour	3	3	3	..	..	5	1	..	3	2	..
Totals—											
Pass	13	16	13	8	1	127	22	20	111	31	345
General	..	..	..	..	..	1	..	..	..	1	..
Honour	14	21	28	..	..	49	12	..	27	27	..
Grand Total	27	37	41	8	1	177	34	20	138	59	345

(4) St. Michael's College:

	Greek	Latin	Greek and Roman History	English	German	German (Sc.)	French	Ethics	Philosophy	Religious Know.
First Year—										
Pass	7	42	10	70	7	4	57	28	75	84
Honour	3	13	8	13	4	..	16	6	8	..
Second Year—										
Pass	2	40	5	68	8	..	47	39	48	91
Honour	1	13	4	11	4	..	8	10	12	..
Third Year—										
Pass	2	35	1	40	8	..	36	24	32	70
Honour	1	5	1	11	2	..	7	10	10	..
Fourth Year—										
Pass	..	..	..	..	..	..	..	..	..	20
Honour	2	4	..	4	1	..	6	8	8	..
Totals—										
Pass	11	117	16	178	23	4	140	91	155	265
Honour	7	35	13	39	11	..	37	34	38	..
Teachers' Classes	..	..	..	..	..	..	..	..	14	..
Graduate Studies	..	..	..	..	..	..	..	..	17	..
Grand Total	18	152	29	217	34	4	177	125	224	265

(e) Enrolment in the University Departments in Arts:

The following tables exhibit the numbers attending lectures in the university departments in the Faculty of Arts, together with the number of those taking the practical work in the laboratories:

Department of Anthropology

	Pass	Pass and Honour	Honour
Faculty of Arts—			
First Year	214	..	29
Second Year	..	9	25
Third Year	3	..	14
Fourth Year	24	..	4
School of Graduate Studies	..	..	15
Department of Social Science—			
First Year	..	..	20
Totals	241	9	107

Department of Applied Mathematics

	Pass	Pass and Honour	Honour
Faculty of Arts—			
First Year	8	..	..
Second Year	1	..	39
Third Year	2	..	22
Fourth Year	..	..	23
Occasional Students	..	..	2
Faculty of Applied Science and Engineering—			
Second Year	..	29	..
Third Year	..	6	..
School of Graduate Studies	..	..	22
Totals	11	35	108

Department of Archaeology

	Lecture Courses	
	1 or 2 or 3 hours	
	Pass	Honour
Faculty of Arts—		
First Year	26	18
Second Year	..	8
Third Year	..	17
Fourth Year	..	13
Occasional Students	2	..
School of Graduate Studies	1	..
Totals	29	56

Department of Astronomy

	Pass	Honour	Laboratory
Faculty of Arts—			
First Year	11	..	11
Second Year	14	..	4
Third Year	9	15	23
Fourth Year	..	9	3
Teachers' Classes	67	..	67
Faculty of Applied Science and Engineering—			
Second Year	18	..	..
School of Graduate Studies	..	1	1
Department of University Extension—			
Evening Classes	21	..	..
Totals	140	25	109

Department of Biology

	Lecture Courses				Laboratory Courses	
	1 or 2 or 3 hours		4 or 5 or 6 hours			
	Pass	Honour	Pass	Honour	Pass	Honour
Faculty of Arts—						
First Year	80	100	..	..	80	100
Second Year	87	85	..	..	87	71
Third Year	53	48	..	2	47	25
Fourth Year	..	4	..	3	..	7
Faculty of Medicine—						
First Year	..	154	..	..	..	154
Third Year	..	21	..	..	..	12
Faculty of Household Science—						
First Year	..	6	..	..	..	6
Faculty of Forestry—						
First Year	..	14	..	..	..	14
Fourth Year	..	7	..	..	..	7
Faculty of Dentistry—						
First Year	..	38	..	..	..	38
School of Graduate Studies	..	..	..	..	..	48
School of Nursing	12	..	..	..	12	..
College of Optometry of Canada	..	46	..	..	..	46
Totals	232	523	..	5	226	528

Department of Botany

	Lecture Courses		Laboratory Courses	
	1 or 2 or 3 hours			
	Pass	Honour	Pass	Honour
Faculty of Arts—				
First Year	121	103	15	103
Second Year	14	15	14	15
Third Year	21	2	21	2
Fourth Year	..	12	..	12
Teachers' Classes	48	..	47	..
Occasional Students	3	..	..	..
Faculty of Applied Science and Engineering—				
First Year	..	..	65	..
Faculty of Household Science—				
First Year	5	..	5	..
Second Year	11	38	11	38
Faculty of Forestry—				
First Year	..	14	..	14
Fourth Year	..	..	..	7
School of Graduate Studies	..	..	..	36
Ontario College of Pharmacy—				
First Year	104	..	104	..
Second Year	89	..	89	..
Totals	416	184	371	227

Department of Chemistry

	Pass	Pass and Honour	Honour	Laboratory
Faculty of Arts—				
First Year	183	..	148	225
Second Year	65	..	100	150
Third Year	31	..	23	52
Fourth Year	2	..	21	17
Teachers' Classes, Summer Session	35	..	..	35
Occasional Students	2	..	3	5
Faculty of Medicine—				
First Year	..	155	..	155
Second Year	..	139	..	139
Faculty of Applied Science and Engineering—				
First Year	..	83	..	83
Second Year	..	85	..	85
Third Year	..	120	..	120
Fourth Year	..	7	..	7
Faculty of Household Science—				
First Year	..	4	..	4
Second Year	..	11	..	..
Faculty of Forestry—				
First Year	15	..	..	25
Second Year	6	..	..	4
Faculty of Dentistry—				
First Year	..	39	..	39
Second Year	..	42	..	42
Third Year	..	36	..	36
School of Graduate Studies	..	45	..	29
Ontario College of Pharmacy—				
First Year	104	..	..	104
Second Year	88	..	..	88
College of Optometry of Canada	21	..	..	..
Totals	552	766	295	1,434

Department of Fine Art

	Pass	Honour
Faculty of Arts—		
First Year	33	9
Second Year	53	..
Third Year	56	..
Fourth Year	16	..
Occasional Students	4	..
Totals	162	9

Department of Food Chemistry
(Faculty of Household Science)

	Pass	Pass and Honour	Honour	Laboratory
Faculty of Arts—				
Second Year	19	..	..	19
Third Year	15	..	..	15
Fourth Year	..	2	29	31
Faculty of Household Science—				
Second Year	11	..	..	11
Third Year	10	..	..	10
Fourth Year	..	..	12	12
School of Graduate Studies	..	..	4	4
Totals	55	2	45	102

Department of Geography

	Pass	Honour	Laboratory
Faculty of Arts—			
First Year	79	101	180
Second Year	20	..	20
Teachers' Classes	47	..	47
Ontario College of Education	..	250	250
Totals	146	351	497

Department of Geology and Palaeontology

	Lecture Courses						Laboratory Courses	
	1 or 2 or 3 hours		4 or 5 or 6 hours		7 or more hours			
	Pass	Honour	Pass	Honour	Pass	Honour	Pass	Honour
Faculty of Arts—								
First Year	118	65	..	..	..	..	..	..
Second Year	24	18	..	..	..	..	12	18
Third Year	20	3	..	8	..	..	14	8
Fourth Year	..	..	..	7	..	2	..	8
Occasional Students	..	1	..	..	..	..	..	..
Faculty of Applied Science and Engineering—								
Second Year	70	..	..	..	..	..	15	..
Third Year	49	..	..	..	..	..	31	..
Fourth Year	41	..	..	..	..	..	41	..
Faculty of Forestry—								
Second Year	6	..	..	..	..	..	..	..
Third Year	6	..	..	..	..	..	6	..
School of Graduate Studies	..	6	..	5	..	6	..	15
Totals	334	93	..	20	..	8	119	49

Department of History

	Lecture Courses					
	1 or 2 or 3 hours		4 or 5 or 6 hours		7 or more hours	
	Pass	Honour	Pass	Honour	Pass	Honour
Faculty of Arts—						
First Year	..	133	144	..	..	..
Second Year	..	30	84	98	..	8
Third Year	96	..	..	83	..	6
Fourth Year	3	31	..	12	..	8
Teachers' Classes	334	..	..	..	..	..
Occasional Students	2	1	3	4	..	..
School of Graduate Studies	..	..	..	16	..	14
Department of University Extension Evening Classes	40	..	..	..	..	..
Totals	475	195	228	213	..	36

Department of Household Science
(Faculty of Household Science)

	Pass	Pass and Honour		Honour	Laboratory
Faculty of Arts—					
First Year	..	..	..	35	..
Second Year	12	..	..	38	50
Third Year	11	..	..	30	41
Fourth Year	..	2	31	29	31
Occasional Students	1	..	..	..	1
Faculty of Household Science—					
First Year	4	..	..	..	..
Second Year	11	..	..	..	11
Third Year	15	..	..	..	15
Fourth Year	12	..	..	..	12
School of Graduate Studies	5	..	..	..	4
Totals	71	2	31	132	165

Department of Italian and Spanish

	Italian		Spanish	
	Pass	Honour	Pass	Honour
Faculty of Arts—				
First Year	26	8	123	43
Second Year	19	8	57	27
Third Year	8	8	47	3
Fourth Year	..	2	..	7
School of Graduate Studies	..	1	..	5
Totals	53	27	227	85

Methods of Research, Bibliography—6

Department of Law

	Pass	Honour
Faculty of Arts—		
First Year	..	34
Second Year	..	33
Third Year	..	31
Fourth Year	..	20
Occasional Students	..	2
Faculty of Applied Science and Engineering—		
Third Year	50	..
Faculty of Forestry—		
Third Year	6	..
School of Graduate Studies	..	9
Department of University Extension—		
Evening Classes	114	..
Bachelor of Laws Course	..	12
Totals	170	141

Department of Mathematics

	Lecture Courses					
	1 or 2 or 3 hours		4 or 5 or 6 hours		7 or more hours	
	Pass	Honour	Pass	Honour	Pass	Honour
Faculty of Arts—						
First Year	50	50	..	64	..	46
Second Year	25	54	..	61	..	28
Third Year	30	48	20	21	..	5
Fourth Year	..	16	..	8	..	10
Teachers' Classes	11	..	..	..	..	..
Occasional Students	4	..	..	..	..	..
Faculty of Applied Science and Engineering—						
First Year	268	..	..	12	..	..
Second Year	144	..	..	7	..	..
Faculty of Forestry—						
First Year	15	..	..	..	..	..
School of Graduate Studies	..	..	..	4	..	5
College of Optometry of Canada	19	..	..	..	..	..
Totals	566	168	20	177	..	94

Department of Military Studies

	Pass
Faculty of Arts—	
First Year	19
Second Year	9
Third Year	19
Fourth Year	1
Faculty of Medicine—	
First Year	3
Second Year	6
Third Year	..
Fourth Year	2
Fifth Year	1
Sixth Year	1
Faculty of Applied Science and Engineering—	
First Year	21
Second Year	12
Third Year	3
Fourth Year	2
Ontario College of Education	2
School of Graduate Studies	3
Ontario College of Pharmacy—	
First Year	1
Second Year	3
Totals	108

Department of Mineralogy and Petrography

	Pass	Pass and Honour	Honour	Laboratory
Faculty of Arts—				
First Year	24	..	..	24
Second Year	..	..	23	23
Third Year	..	..	19	10
Fourth Year	..	2	7	9
Occasional Students	..	2	..	2
Faculty of Applied Science and Engineering—				
First Year	..	180	..	180
Second Year	..	55	..	55
Third Year	..	35	..	33
Fourth Year	..	3	..	3
Faculty of Forestry—				
Second Year	..	6	..	6
School of Graduate Studies	..	..	13	13
Totals	24	283	62	358

Department of Philosophy

	Pass	Honour
Faculty of Arts—		
First Year	87	114
Second Year	116	100
Third Year	226	59
Fourth Year	42	43
Teachers' Classes	21	..
School of Graduate Studies	..	64
Department of Social Science—		
First Year	..	19
Totals	492	399

Department of Physics

	Pass	Pass and Honour	Honour	Laboratory
Faculty of Arts—				
First Year	158	..	145	197
Second Year	46	..	86	122
Third Year	53	..	31	79
Fourth Year	..	..	36	29
Candidates for Specialists' Certificates, Summer Session	..	..	15	8
Faculty of Medicine—				
First Year	..	155	..	155
Faculty of Applied Science and Engineering—				
First Year	..	..	12	12
Second Year	..	..	8	8
Third Year	..	..	6	6
Faculty of Household Science—				
First Year	..	..	5	5
Candidates for Specialists' Certificate	..	..	4	4
Faculty of Forestry—				
First Year	15	..	..	15
Faculty of Dentistry—				
First Year	..	39	..	39
School of Graduate Studies	..	..	44	23
Department of University Extension—				
Physiotherapy	23	..	..	..
College of Optometry of Canada	..	47	..	47
Totals	295	241	392	768

Department of Political Science

	Lecture Courses					
	1 or 2 or 3 hours		4 or 5 or 6 hours		7 or more hours	
	Pass	Honour	Pass	Honour	Pass	Honour
Faculty of Arts—						
First Year	166	131	..	64	..	..
Second Year	195	9	..	..	..	97
Third Year	147	36	3	..	..	70
Fourth Year	31	35	..	..	..	55
Occasional Students	5	6	..	..	..	..
Faculty of Household Science—						
Second Year	8	..	..	..	..	..
Third Year	9	..	..	..	..	..
Faculty of Forestry—						
Third Year	6	..	..	..	..	..
School of Graduate Studies	..	3	..	11	..	5
Totals	567	220	3	75	..	227

Department of Psychology

	Lecture Courses						Laboratory Courses	
	1 or 2 or 3 hours		4 or 5 or 6 hours		7 or more hours			
	Pass	Honour	Pass	Honour	Pass	Honour	Pass	Honour
Faculty of Arts—								
First Year	203	54	..	..	..	..	..	..
Second Year	120	20	..	..	..	15	114	28
Third Year	114	14	..	3	..	9	18	12
Fourth Year	50	4	..	3	..	2	..	2
Teachers' Classes	144	..	..	..	..	..	24	..
Teachers' Classes, Summer Session	216	..	..	..	..	..	..	..
Occasional Students	5	..	..	..	..	..	..	..
Faculty of Medicine—								
Second Year	..	136	..	..	..	..	..	..
Third Year	..	24	..	..	..	..	..	24
Fourth Year	..	24	..	..	..	..	..	..
Faculty of Household Science—								
First Year	3	..	..	..	..	..	..	..
Second Year	1	..	..	..	..	..	..	..
Third Year	3	..	..	..	..	..	..	..
School of Graduate Studies	..	31	..	12	..	24	..	34
Department of Social Science—								
First Year	13	..	..	..	..	..	..	..
Second Year	14	..	..	..	..	..	..	..
School of Nursing	22	..	..	..	..	..	..	..
Department of University Extension—								
Occupational Therapy	41	..	..	..	..	..	..	..
Physiotherapy	21	..	..	..	..	..	..	..
Evening Classes	340	..	..	..	..	..	..	..
Centralised Pupil Nurses	225	..	..	..	..	..	..	..
College of Optometry of Canada	20	..	..	..	..	..	..	..
Totals	1,555	307	..	18	..	50	156	100

(f) Registration in Courses in the Faculty of Arts

Courses	First Year				Second Year				Third Year				Fourth Year				Totals
	U C	V C	T C	M C	U C	V C	T C	M C	U C	V C	T C	M C	U C	V C	T C	M C	
Pass	162	126	54	100	118	102	44	89	113	106	49	58	..	..	..	..	1,121
General	..	..	..	..	..	..	..	..	4	10	1	..	2	7	2	1	27
Classics	4	4	3	1	6	1	1	..	2	4	6	1	7	3	3	..	46
Greek and Hebrew	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Hebrew and Ancient History	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1
Latin (French or Greek Option) Div. I	..	2	..	6	1	4	1	2	..	..	2	1	3	..	..	1)	27
Latin (French or Greek Option) Div II					..	..	..	..	1	3	..	..	..	..	..	..)	
Modern Languages	20	28	5	7	19	22	9	4	23	19	1	4	22	14	3	3	203
Oriental Languages	1	..	..	..	2	..	..	..	3	..	..	..	..	..	..	..	6
English and History	..	..	..	..	8	13	3	4	10	11	3	3	13	15	4	..	87
English Language and Literature	17	20	4	2	..	..	..	..	..	..	..	..	..	..	..	..	43
Fine Art	6	2	1	1	..	..	..	..	..	..	..	..	..	..	..	..	10
Law	18	7	8	1	25	2	3	..	17	6	6	1	13	5	2	..	114
Social and Philosophical Studies	39	35	27	3	..	..	..	..	..	..	..	..	..	..	..	..	104
Modern History	..	..	..	..	4	2	2	..	1	3	2	..	1	3	2	2	22
Philosophy	..	..	..	..	1	5	1	8	2	1	..	5	1	2	..	5	31
Philosophy (English or History Option)	1	1	3	4	3	5	5	8	4	9	2	4	5	4	1	1	60
Political Science and Economics	..	.	..	..	8	11	17	1	18	6	7	1	7	6	12	..	94
Psychology	..	..	..	..	8	6	1	..	3	5	1	..	2	..	..	..	26
Sociology	..	..	..	..	5	9	..	..	5	9	..	..	..	3	1	..	32
Mathematics and Physics (Div. I)	15	18	5	3	22	6	3	1	5	2	1		3	4	1	..)	121
Mathematics and Physics (Div. II)									3	2	..	..	7	3	..	2)	
Mathematics and Physics (Div. III)									1	..	..	..	1	1	1	1)	
Mathematics and Physics (Div. IV)								)	1	2	1	..	2	2	..	..)	
Mathematics and Physics (Div. V)								)				..	..	1	..	..)	
Physics and Chemistry	..	..	..	..	5	2	..	..	..	1	2	..	3	1	..	..	14
Science	26	30	7	1	..	..	..	..	..	..	..	..	..	..	..	..	64
Biological and Medical Sciences	..	..	..	..	6	8	2	1	9	5	4	2	14	7	1	2	61
Biology	..	..	..	..	2	2	2	..	1	1	..	..	1	1	1	..	11
Chemistry	..	..	..	..	7	2	2	..	3	5	2	..	5	2	1	3	32
Chemistry, Mineralogy and Geology, Div. I	..	..	..	..)	4	2	1	..	..	..	1	..	..	..	..	..)	15
Chemistry, Mineralogy and Geology, Div. II	..	..	..	..)					2	1	1	..	1	1	1	..)	
Geology and Mineralogy	..	..	..	..	1	4	..	..	1	2	1	..	..	2	..	..	11
Household Economics	16	17	1	2	19	17	2	..	9	17	2	2	13	14	2	..	133
Physics	..	..	..	..	1	1	..	..	1	1	..	..	..	..	..	..	4
Physiology and Biochemistry	..	..	..	..	3	2	..	..	1	2	..	..	2	1	3	1	15
Science (General)	..	..	..	..	..	..	..	..	..	1	..	..	1	1	..	..	3
Commerce and Finance	23	23	17	1	26	21	10	3	24	8	2	3	10	15	6	..	192
Totals	348	314	135	132	304	249	109	121	267	242	97	86	140	118	47	22	2,731

(g) Registration in Courses in the School of Graduate Studies

Department	Ph.D.	M.A.	M.A. Sc.	C.E.	E.E.	D. Paed.	M.Sc. Dent.	M.S.A.	D.V.Sc.	Grad. Stud.
Anatomy	1	..	..	..	..	..	..	..	..	..
Anthropology	..	1	..	..	..	..	..	..	..	2
Applied Mathematics	2	1	..	..	..	..	..	..	..	2
Architecture	..	..	..	..	..	..	..	..	..	1
Astronomy	..	1	..	..	..	..	..	..	..	..
Biochemistry	9	..	..	..	..	..	..	..	..	5
Biology	17	8	..	..	..	..	..	2	..	5
Botany	14	4	..	..	..	..	..	6	..	1
Chemistry	22	12	..	..	..	..	..	7	..	3
Chemical Engineering	4	..	2	..	..	..	..	..	..	1
Chinese Archaeology	2	..	..	..	..	..	..	..	..	1
Civil Engineering	..	..	4	1	..	..	..	..	..	..
Classics	3	6	..	..	..	..	..	..	..	17
Dentistry	..	..	..	..	..	..	1	..	..	..
Educational Theory	1	..	..	..	..	..	..	..	..	2
Electrical Engineering	..	..	1	..	1	..	..	..	..	..
English	2	27	..	..	..	..	..	..	..	35
Food Chemistry	..	1	..	..	..	..	..	..	..	1
Geography	..	1	..	..	..	..	..	..	..	1
Geology and Palaeontology	4	4	..	..	..	..	..	..	..	3
Germanic Languages	2	5	..	..	..	..	..	..	..	8
History	4	10	..	..	..	..	..	..	..	16
Household Science	..	3	..	..	..	..	..	..	..	2
Hygiene and Preventive Medicine	..	..	..	..	..	..	..	2	..	3
Law	..	2	..	..	..	..	..	..	..	3
Mathematics	2	3	..	..	..	..	..	..	..	6
Mechanical Engineering	2	..	2	..	..	..	..	..	..	..
Mineralogy	2	1	..	..	..	..	..	..	..	..
Mining Engineering	..	..	4	..	..	..	..	..	..	..
Pathology and Bacteriology	2	..	..	..	..	..	..	..	..	1
Pathological Chemistry	2	..	..	..	..	..	..	..	..	..
Pedagogy	..	..	..	..	..	92	..	..	..	..
Pharmacology	1	..	..	..	..	..	..	..	..	..
Philosophy	9	12	..	..	..	..	..	..	..	30
Physics	10	8	..	..	..	..	..	..	..	2
Physiology	4	4	..	..	..	..	..	..	..	1
Political Science	3	10	..	..	..	..	..	1	..	8
Preventive Dentistry	1	..	..	..	..	..	..	..	..	..
Psychology	6	9	..	..	..	..	..	..	..	38
Romance Languages	..	3	..	..	..	..	..	..	..	19
Semitic Languages	1	2	..	..	..	..	..	..	..	9
Veterinary Science	..	..	..	..	..	..	..	..	2	..
Special Committees	2	2	..	..	..	..	1	1	..	8
Totals	134	140	13	1	1	92	1	19	2	234

(*h*) Results of the Annual Examinations

Faculty of Arts

First Year

Course	University of Toronto	Uni. Coll.	Vic. Coll.	Trin. Coll.	St. M. Coll.	TOTALS	Passed	Conditioned	Failed	Transferred	Aegrotat	Debarred
Pass	..	163	119	54	95	431	245	100	86	..	..	60
Supplementals	..	85	54	27	28	194	129	64	1	..	..	..
Classics	..	4	4	3	1	12	11	..	1	..	..	..
Greek and Hebrew	..	..	1	..	..	1	1	..	..	..	..	..
Latin (French or Greek Option)	..	..	2	..	6	8	7	1	..	..	..	..
Modern Languages	..	19	28	3	6	56	45	1	10	8	1	..
Oriental Languages	..	1	..	..	..	1	1	..	..	..	..	..
English Language and Literature	..	15	20	4	2	41	30	2	9	3	..	1
Fine Art	..	5	2	1	1	9	8	.	1	1	2	..
Law	..	16	7	8	1	32	27	2	3	2	..	..
Social and Philosophical Studies	..	36	34	27	3	100	74	8	18	13	1	4
Philosophy (English or History Option)	..	1	1	3	4	9	8	..	1	1	..	2
Mathematics and Physics	..	13	18	5	3	39	20	3	16	..	..	1
Science	..	24	29	7	1	61	38	14	9	5	..	2
Household Economics	..	15	17	1	1	34	23	7	4	1	..	1
Commerce and Finance	..	22	22	17	1	62	34	16	12	3	1	6
Occasional Students	6	8	1	..	1	16	14	2	..	..	..	..
Totals	6	427	359	160	154	1,106	715	220	171	37	5	77

Second Year

Course	University of Toronto	Uni. Coll.	Vic. Coll.	Trin. Coll.	St. M. Coll.	TOTALS	Passed	Conditioned	Failed	Aegrotat	Debarred
Pass	..	112	100	42	83	337	256	55	26	1	16
Supplementals	..	56	45	21	23	145	112	32	1	..	..
Classics	..	6	1	1	..	8	7	..	1	..	..
Latin (French or Greek Option) Div. I	..	1	4	1	2	8	8	..	..	..	..
Modern Languages	..	19	22	9	4	54	45	..	9	..	..
Oriental Languages	..	2	..	..	..	2	1	1	..	..	..
English and History	..	8	13	3	4	28	25	..	3	..	..
Law	..	24	2	3	..	29	26	3	..	1	..
Modern History	..	4	2	3	..	9	9	..	..	..	..
Philosophy	..	1	5	1	8	15	14	1	..	..	..
Philosophy (English or Hist. Option)	..	3	5	4	8	20	18	2	..	..	..
Political Science and Economics	..	8	10	15	1	34	20	5	9	..	1
Psychology	..	7	6	1	..	14	11	2	1	..	2
Sociology	..	5	9	..	..	14	13	..	1	..	..
Mathematics and Physics	..	22	6	3	1	32	21	..	11	1	..
Physics and Chemistry	..	5	2	..	..	7	2	1	4	..	1
Biological and Medical Sciences	..	5	8	2	1	16	11	2	3	..	1
Biology	..	2	2	2	..	6	4	1	1	..	1
Chemistry	..	6	2	2	..	10	4	3	3	..	1
Chemistry, Mineralogy and Geology	..	4	2	1	..	7	6	..	1	..	..
Geology and Mineralogy	..	1	4	..	..	5	2	1	2	..	..
Household Economics	..	19	17	2	..	38	25	5	8	..	1
Physics	..	1	1	..	..	2	2	..	..	..	..
Physiology and Biochemistry	..	3	2	..	..	5	2	1	2	..	..
Commerce and Finance	..	26	20	11	3	60	35	13	12	1	3
Occasional Students	3	2	..	..	..	5	4	1	..	..	..
Totals	3	352	290	127	138	910	683	129	98	4	27

Third Year

Course	University of Toronto	Uni. Coll.	Vic. Coll.	Trin. Coll.	St. M. Coll.	TOTALS	Passed	Conditioned	Failed	Aegrotat	Debarred
Pass	..	115	107	49	60	331	278	36	17	..	..
Supplementals	..	50	44	4	7	105	73	28	4	..	..
General	..	4	9	1	..	14	14	..	..	..	..
Classics	..	2	4	6	1	13	12	..	1	..	..
Latin (French or Greek Option) Div. I.	..	..	..	2	1	3	3	..	..	..	..
Latin (French or Greek Option), Div. II	..	1	3	..	..	4	4	..	..	..	..
Modern Languages	..	23	19	1	4	47	44	1	2	..	1
Oriental Languages	..	3	..	..	..	3	3	..	..	..	..
English and History	..	9	11	3	3	26	23	..	3	..	..
Law	..	17	6	6	1	30	28	2	..	..	1
Modern History	..	1	3	1	..	5	5	..	..	..	..
Philosophy	..	2	1	..	5	8	8	..	..	..	..
Philosophy (English or History Option)	..	4	9	2	4	19	16	3	..	..	..
Political Science and Economics	..	18	5	7	1	31	30	..	1	1	..
Psychology	..	3	5	1	..	9	7	2	..	1	2
Sociology	..	5	9	..	..	14	12	1	1	..	..
Mathematics and Physics, Div. I	..	5	2	1	1	9	6	..	3	..	..
Mathematics and Physics, Div. II	..	3	2	..	..	5	5	..	..	..	..
Mathematics and Physics, Div. III	..	1	1	1	1	4	4	..	..	..	..
Mathematics and Physics, Div. IV & V	..	2	2	..	..	4	4	..	..	..	..
Physics and Chemistry	..	..	..	1	2	3	3	..	..	..	..
Biological and Medical Sciences	..	9	5	3	2	19	15	1	3	..	..
Biology	..	1	1	..	..	2	2	..	..	..	..
Chemistry	..	3	5	2	..	10	9	1	..	..	..
Chemistry, Mineralogy and Geology, Div. I	..	..	..	1	..	1	1	..	..	1	..
Chemistry, Mineralogy and Geology, Div. II	..	2	1	1	..	4	4	..	..	..	..
Geology and Mineralogy	..	1	2	1	..	4	4	..	..	..	..
Household Economics	..	8	17	2	2	29	22	5	2	..	3
Physics	..	1	1	..	..	2	1	..	1	..	..
Physiology and Biochemistry	..	1	2	..	..	3	2	..	1	..	..
Science (General)	..	..	1	..	..	1	..	..	1	..	..
Commerce and Finance	..	24	8	2	3	37	26	6	5	1	1
Occasional Students	3	..	..	..	2	5	5	..	..	..	..
Totals	3	318	285	98	100	804	673	86	45	4	8

Fourth Year

Course	University of Toronto	Uni. Coll.	Vic. Coll.	Trin. Coll.	St. M. Coll.	TOTALS	Passed	Conditioned	Failed	Aegrotat	Degree without Honors
Supplementals	..	2	1	..	..	3	3	..	..	..	..
General	..	2	7	1	1	11	11	..	..	..	..
Classics	..	7	3	3	..	13	13	..	..	..	1
Hebrew and Ancient History	..	1	..	..	..	1	1	..	..	..	..
Latin (French or Greek Option), Div. I	..	3	..	..	1	4	4	..	..	..	..
Modern Languages	..	22	14	3	3	42	40	..	2	..	4
English and History	..	13	14	4	..	31	30	1	..	..	..
Law	..	13	5	2	..	20	20	..	..	..	1
Modern History	..	1	3	2	2	8	8	..	..	..	1
Philosophy	..	1	2	..	5	8	7	1	..	..	..
Philosophy (English or History Option)	..	5	4	1	1	11	11	..	..	..	..
Political Science and Economics	..	7	6	12	..	25	25	..	..	..	1
Psychology	..	2	..	..	..	2	2	..	..	..	..
Sociology	..	..	3	1	..	4	4	..	..	..	..
Mathematics and Physics, Div. I	..	3	4	1	..	8	6	..	2	..	1
Mathematics and Physics, Div. II	..	7	3	..	2	12	11	..	1	..	..
Mathematics and Physics, Div. III	..	1	1	1	1	4	4	..	..	..	..
Mathematics and Physics, Div. IV	..	2	2	..	..	4	4	..	..	..	..
Mathematics and Physics, Div. V	..	..	1	..	..	1	1	..	..	..	..
Physics and Chemistry	..	3	1	..	..	4	3	1	..	..	..
Biological and Medical Sciences	..	13	7	1	2	23	22	1	..	1	2
Biology	..	1	1	1	..	3	3	..	..	..	..
Chemistry	..	5	2	1	3	11	11	..	..	..	..
Chemistry, Mineralogy and Geology, Div. II	..	1	1	1	..	3	3	..	..	..	..
Geology and Mineralogy	..	..	2	..	..	2	2	..	..	1	..
Household Economics	..	13	14	2	..	29	29	..	..	..	..
Physiology and Biochemistry	..	2	1	3	1	7	7	..	..	..	..
Science (General)	..	1	1	..	..	2	2	..	..	..	..
Commerce and Finance	..	10	15	6	..	31	31	..	..	1	..
Occasional Students	1	..	..	..	2	3	3	..	..	..	..
Totals	1	141	118	46	24	330	321	4	5	3	11

Pass Course for Teachers

	Passed	Conditioned	Total
August Examination	481	140	621
May Examination	534	154	688
	1.015	294	1.309

Faculty of Medicine

	Passed	Conditioned	Failed
First Year	75	26	48
Second Year	87	29	18
Third Year	79	29	14
Fourth Year	116	20	2
Fifth Year	94	14	2
Sixth Year	100	17	2
Candidates for Degree of B.Sc. (Med.)	3	..	..
Candidates for Diploma in Public Health	17	..	..
Totals	571	135	86

Faculty of Applied Science and Engineering

	Passed with Honours	Passed	Conditioned	Failed
First Year—				
Civil Engineering	2	4	6	6
Mining Engineering	5	29	13	24
Mechanical Engineering	3	15	9	11
Architecture	1	1	1	..
Engineering Physics	2	4	6	..
Chemical Engineering	5	29	13	16
Electrical Engineering	2	15	13	7
Metallurgical Engineering	3	12	6	3
Second Year—				
Civil Engineering	1	8	7	1
Mining Engineering	3	23	6	4
Mechanical Engineering	3	8	8	8
Architecture	..	2	..	..
Engineering Physics	5	1	1	..
Chemical Engineering	8	26	18	18
Electrical Engineering	7	13	2	6
Metallurgical Engineering	6	6	1	2
Third Year—				
Civil Engineering	1	2	1	1
Mining Engineering	4	12	13	3
Mechanical Engineering	4	14	7	3
Architecture	2	3	1	..
Engineering Physics	1	2	3	..
Chemical Engineering	14	15	10	3
Electrical Engineering	2	11	7	1
Metallurgical Engineering	..	7	6	..
Fourth Year—				
Civil Engineering	2	7	3	1
Mining Engineering	5	5	5	..
Mehanical Engineering	4	12	5	..
Architecture	5	3	..	..
Chemical Engineering	15	30	3	..
Electrical Engineering	7	12	5	1
Metallurgical Engineering	1	5	..	..
Fifth Year—				
Architecture	4	8	..	..
Totals	127	344	179	119

Faculty of Household Science

	Passed	Conditioned	Failed
First Year	2	2	..
Second Year	2	5	3
Third Year	9	3	3
Fourth Year	12	..	..
Supplementals	3	..	..
Totals	28	10	6

Ontario College of Education

	Passed	Failed
*High School Assistants' Course	272	..
Specialists' Courses	108	..
First Class Public School Course	46	..
Elementary Art Course	28	..
Elementary Commercial Course (passed in part)	41	..
Elementary Music Course	19	..
Elementary Physical Education Course	93	..
Intermediate Household Science Course	5	..
Librarians' Course—		
Candidates for Degree of B.L.S.	31	..
Candidates for Diploma	7	..
Bachelor of Pedagogy Course—		
Candidates for Degree of B.Paed	42	..
Passed in part	125	..
Number who failed in whole or part	..	136
Totals	817	136

*Many of these are included among those who passed or failed in the other courses in this list.

Faculty of Forestry

	Passed	Conditioned	Deferred	Failed
First Year	12	7	1	1
Second Year	5	3	..	1
Third Year	6	..	..	..
Fourth Year	7	..	..	..
Totals	30	10	1	2

Faculty of Music

	Passed	Conditioned	Failed
First Year	5	2	3
Second Year	9	9	4
Third Year	7	6	2
Totals	21	17	9

Faculty of Dentistry

	Passed	Conditioned	Failed
First Year	26	10	2
Second Year	25	16	..
Third Year	33	2	1
Fourth Year	23	4	..
Fifth Year	51	..	..
Dental Nurses	20	3	..
Totals	178	35	3

Departments

The numbers examined in the different departments of the University, including those persons granted standing for military service, were as follows:

Arts:		
Fourth Year	330	
Third Year	804	
Second Year	910	
First Year	1,106	
Pass Course for Teachers	1,309	
Graduates (Specialist Standing)	55	
		4,514
Medicine:		
Sixth Year	119	
Fifth Year	110	
Fourth Year	138	
Third Year	122	
Second Year	134	
First Year	142	
Candidates for Degree of B.Sc. (Med.)	3	
Candidates for Diploma in Public Health	17	
		792
Applied Science and Engineering:		
Fifth Year	12	
Fourth Year	136	
Third Year	152	
Second Year	202	
First Year	266	
		768
Household Science		42
Education		611
Forestry		33
Music		47
Graduate Studies		500
Dentistry		216
Social Science		93
School of Nursing		100
University Extension:		
Occupational Therapy		51
Physiotherapy		47
Law		8
Pharmacy		214
Agriculture		116
Veterinary Science		36
Local Examinations in Music		13,498

(*i*) Admission to Degrees:

	Men	Women	Total
D.Eng. (Honorary)	1	..	1
LL.D. (Honorary)	12	..	12
D.Sc. (Honorary)	1	..	1
Ph.D.	26	6	32
M.A.	59	28	87
M.A.Sc.	10	1	11
C.E.	2	..	2
M.Arch.	..	1	1
D. Paed.	3	..	3
M.S.A.	2	..	2
B.A.	332	311	643
B.Com.	29	2	31
M.D.	105	8	113
B.Sc. (Med.)	3	1	4
B.A.Sc.	129	1	130
B.Arch.	7	..	7
B.H.Sc.	..	21	21
B.Paed.	39	3	42
B.L.S.	1	30	31
B.Sc.F.	9	..	9
Mus. Bac.	7	..	7
D.D.S.	51	..	51
LL.B.	2	..	2
B.S.A.	106	2	108
B.V.Sc.	34	..	34
Phm.B.	78	6	84
Totals	1.048	421	1,469

(*j*) Admission to Diplomas and Certificates

	Men	Women	Total
Dental Nursing	..	20	20
Librarianship	..	7	7
Occupational Therapy	..	19	19
Physical Education	..	1	1
Physiotherapy	..	12	12
Psychiatry	5	..	5
Public Health	4	..	4
Public Health Nursing	..	72	72
Radiology	1	..	1
Social Science	5	35	40
Totals	15	166	181

(*k*) Geographical Distribution of Students:

FACULTY OF ARTS

	University of Toronto	University College	Victoria College	Trinity College	St. Michael's College	Duplicates	Totals
Ontario: (1) Province	678	407	369	139	93	2	1.684
(2) Toronto	664	614	528	232	174	2	2.210
Nova Scotia	3	1	2	1	..	..	7
New Brunswick	..	1	..	..	1	..	2
Prince Edward Island	..	..	..	..	..	..	..
Quebec	4	6	4	1	..	..	15
Manitoba	5	6	1	4	..	..	16
Saskatchewan	10	18	6	2	..	..	36
Alberta	11	7	3	..	1	..	22
British Columbia	5	4	1	3	2	..	15
United States	5	13	1	3	92	..	114
Elsewhere	2	9	12	4	4	..	31
Totals	1.387	1.086	927	389	367	4	4.152

THE UNIVERSITY

	Faculty of Arts	Faculty of Medicine	Faculty of Applied Science and Engineering	Faculty of Household Science	Ontario College of Education	Faculty of Forestry	Faculty of Music	School of Graduate Studies	Faculty of Dentistry	Department of Social Science	School of Nursing	Occupational Therapy	Physiotherapy	Registered Twice	TOTALS
Ontario:															
(1) Province..........	1,684	297	327	19	431	12	14	170	99	34	250	24	19	17	3,363
(2) Toronto...........	2,210	487	425	20	202	16	24	302	78	33	205	17	15	28	4,007
Nova Scotia	7	2	1	..	9	..	1	21	..	3	4	..	..	..	48
New Brunswick	2	8	..	..	1	..	1	18	2	1	5	..	..	1	37
Prince Edward Island	..	2	..	..	..	..	..	2	..	..	1	..	..	..	5
Quebec	15	10	3	..	7	2	2	6	1	2	1	..	..	1	48
Manitoba	16	4	3	1	6	1	..	21	6	5	3	1	2	..	69
Saskatcheman	36	16	11	..	18	1	..	23	16	8	13	1	2	..	145
Alberta	22	9	6	..	5	..	1	6	1	2	7	..	3	1	61
British Columbia	15	18	4	2	16	1	4	20	1	2	7	2	..	..	92
United States	114	9	4	1	..	..	3	26	8	..	2	..	..	..	167
Elsewhere	31	11	5	..	2	..	..	22	9	3	11	..	..	..	94
Totals...........	4,152	873	789	43	698	33	50	637	221	93	509	45	41	48	8,136

THE PROVINCE OF ONTARIO

	Faculty of Arts	Faculty of Medicine	Faculty of Applied Science and Engineering	Faculty of Household Science	Ontario College of Education	Faculty of Forestry	Faculty of Music	School of Graduate Studies	Faculty of Dentistry	Department of Social Science	School of Nursing	Occupational Therapy	Physiotherapy	Registered Twice	TOTALS
Algoma	23	12	3	..	10	..	1	..	3	2	9	2	..	1	64
Brant	34	10	8	..	14	1	..	3	..	2	8	..	2	1	81
Bruce	40	3	5	..	10	..	..	6	6	..	9	1	..	..	80
Carleton	65	9	13	2	25	..	..	7	8	..	12	..	..	..	141
Cochrane	17	2	..	..	2	..	..	..	4	1	..	..	..	..	26
Dufferin	26	1	1	..	4	..	1	..	..	..	5	..	..	..	38
Dundas	3	..	3	..	4	..	..	1	1	1	..	..	..	..	13
Durham	30	3	1	..	5	..	..	3	2	1	1	2	..	..	48
Elgin	17	..	3	..	10	..	..	2	2	..	1	..	..	..	35
Essex	52	11	16	1	29	..	..	6	..	1	8	1	1	1	125
Frontenac	4	1	..	..	14	..	..	3	1	..	5	1	..	..	29
Glengarry	1	..	1	..	2	..	..	..	1	1	1	1	..	..	8
Grenville	6	1	..	..	6	..	..	..	..	1	..	..	..	..	14
Grey	59	7	4	..	7	..	..	2	6	..	7	..	1	1	92
Haldimand	14	2	2	..	2	..	..	2	..	..	1	1	2	..	26
Haliburton	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1
Halton	29	3	14	2	3	..	1	4	1	..	11	1	..	..	69
Hastings	25	4	2	..	12	..	..	.	4	1	7	1	1	..	57
Huron	45	2	3	..	4	1	..	5	..	..	1	..	..	..	61
Kenora	4	3	2	..	..	..	..	..	..	..	1	..	..	1	9
Kent	14	6	11	..	9	1	1	2	2	..	4	..	1	..	51
Lambton	30	9	8	1	7	..	..	4	4	..	4	1	1	..	69
Lanark	8	1	4	..	5	..	..	1	1	..	..	2	..	..	22
Leeds	6	4	1	1	7	..	..	..	2	1	2	..	..	..	24
Lennox & Addington	5	..	..	..	4	..	..	..	..	..	..	1	1	..	11
Lincoln	49	6	16	..	5	..	..	6	3	1	10	..	..	2	94
Manitoulin	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Middlesex	14	2	3	1	21	..	..	10	1	2	17	..	1	..	72
Muskoka	18	6	2	1	3	1	1	1	1	..	2	..	..	1	35
Nipissing	21	13	4	..	11	..	..	2	3	..	6	1	2	..	63
Norfolk	9	5	4	..	2	..	..	5	6	..	1	1	..	..	33
Northumberland	26	2	3	..	4	..	..	1	..	..	3	1	..	..	40
Ontario	63	9	5	..	11	..	..	6	1	3	10	..	..	..	108
Oxford	26	9	8	..	9	..	..	7	1	1	3	..	2	1	65
Parry Sound	16	1	1	..	3	..	..	1	1	..	..	1	..	..	24
Peel	65	5	17	..	9	..	..	4	..	3	2	1	..	1	103
Perth	54	11	2	1	12	1	..	4	2	1	3	..	..	..	91
Peterborough	32	5	5	..	5	..	1	3	2	..	8	..	1	..	62
Prescott	3	..	..	..	2	..	..	..	..	..	..	..	..	..	5
Prince Edward	12	1	1	..	2	..	..	1	..	..	..	..	..	..	17
Rainy River	3	4	1	..	..	..	..	1	..	..	..	..	..	..	9
Renfrew	22	1	..	..	5	..	..	3	..	..	2	..	..	..	33
Russell	..	..	..	..	..	..	..	1	..	..		..	..	..	1
Simcoe	112	14	16	1	6	..	..	8	4	1	13	2	..	2	175
Stormont	7	2	2	..	5	..	..	1	..	..	1	..	..	..	18
Sudbury	25	..	1	2	..	..	1	..	..	..	..	..	..	..	29
Thunder Bay	27	3	8	..	10	..	1	3	6	..	3	..	..	..	61
Timiskaming	21	8	10	1	7	1	..	..	1	..	5	..	..	..	54
Victoria	29	5	5	..	5	1	1	2	1	1	3	..	..	2	51
Waterloo	44	12	15	2	12	..	..	1	3	1	16	..	..	..	106
Welland	53	15	21	1	10	1	2	4	4	..	4	..	..	..	115
Wellington	86	11	13	..	6	..	3	15	1	2	8	..	..	1	144
Wentworth	68	26	23	1	58	2	..	20	8	4	14	1	1	1	225
York	221	27	36	1	13	2	..	9	2	2	18	1	2	1	335
Toronto	2.210	487	425	20	203	16	24	302	78	33	205	17	15	28	4,007
Totals	3,894	784	752	39	634	28	38	472	177	67	455	41	34	45	7,370

UNIVERSITY OF TORONTO

Superintendent's Office

SUPERINTENDENT'S REPORT

1936-37

While the office is considering and developing plans for new construction, no new work of a major nature was started during the year. Work on the addition to the Royal Ontario Museum, to house the Chinese Library, was started, and this and other items, mainly at the Connaught Laboratories Farm, bring the expenditure under this item to approximately $19,000.00.

Buildings (Maintenance)

During the year approximately $78,000.00 was expended on Repairs and Renewals of the University buildings and the Royal Ontario Museum. This expenditure, which is less than one-half of one percent of replacement valuation, is used largely in maintaining the fabric and mechanical services in the buildings. Such items as lighting and decoration cannot be kept up to the desired standard.

During the year the regular practice of testing all fire hose has been followed, and the necessary replacements made. Chemical extinguishers have all been inspected, and special extinguishers provided for special hazards.

In addition to the 57 buildings directly supervised by my office, heat and electricity are supplied to Knox College, Victoria University and Wycliffe College, and some power to Trinity College.

The expenditures for fuel and electricity for University buildings, the Royal Ontario Museum, and the services to the colleges noted above, was approximately $135,000.00. The consumption of electricity continues to increase. For financial reasons, and due to the inadequacy of our generating and distribution systems, this growth is checked as much as possible, even to the extent of lagging behind accepted practice.

Employees and Workshops

The average number of employees working for the office, exclusive of contracts, was 267, tradesmen accounting for 77 of this number. The merchandise distributed through the Superintendent's Stores amounted to approximately $89,000.00. The wage item for sundry labour was approximately $271,000.00, which, with salaries of $33,000.00, makes a total of approximately $304,000.00. These figures include services rendered through my office to Connaught Laboratories, Hart House, the Athletic Association, etc., the Royal Ontario Museum, and the colleges.

PURCHASING

During the year, 8,834 departmental order and 6,885 Superintendent's Stores and work orders, a total of 15,719, were sent out, and, in consequence, 22,134 accounts were passed for payment. These purchases involved the passing of 1,197 customs entries handled within the office. In addition, 6,161 accounts for work done for separate financial entities were sent out for payment. Accounts are passed promptly for payment, so that all possible discounts are obtained. Every effort is made to obtain the benefits to which the University is properly entitled under the Customs and sales and Excise Acts.

POST OFFICE

During the year the turnover in the branch Port Office in the University amounted to approximately $36,700.00, of which the sale of postage stamps amounted to approximately $23,300.00. The University derived a revenue of $1,124.70 from this source.

POLICE AND WATCHMEN

The Police Force, though small, is successful in handling the problems created by the public, and its relationship with the student body is cordial, and, at the same time, effective. A close supervision is maintained on the watchmen's service, and daily reports are carefully checked.

We are indebted to the City Police for their willing co-operation at all times.

CENTRAL PLANT

As each year the Central Plant gets older, and the load on it increases, its inadequacy becomes more and more evident. The construction of a new and larger plant should not be longer delayed.

The amount of radiation heated from the Central Plant, exclusive of high pressure service, was 348,140 square feet, as against 347,856 for the previous year. The total cost of operation was $134,894.94, as against $139,182.38 for the previous year. The total unit cost for heat and light was 38.7 cents per square foot of radiation, as against 40.0 cents for the previous year. The amount of 38.7 cents was made up of 22.0 cents for heat and 16.7 cents for light and power. The average temperature, October to May, inclusive, was 3.3 degrees above the average, against 1.24 degrees above the average for the same period the year before. The unit cost of coal was approximately the same as for the previous year.

Comparative tables, showing the operation of the Central Plant and the distribution of charges for 1935-36 and 1936-37, are attached.

A. D. LePAN,
Superintendent.

November 4th, 1937.

COMPARATIVE STATEMENT OF DISTRIBUTION OF COST OF OPERATING POWER HOUSE

BUILDING	1935–36		1936–37		1935–36		1936–37	
	Sq. Ft. Radiation	Percentage Charge	Sq. Ft. Radiation	Percentage Charge	Light	Heat	Light	Heat
University College	14,958	5.268	14,958	5.550	$ 654 40	$ 4,397 18	$ 922 02	$ 4,259 19
Psychology					67 50		80 22	
Hart House	29,309	9.203	29,309	9.275	10,611 60	7,681 71	10,478 76	7,117 83
Memorial Tower	462	.133	462	.133		111 01		102 07
Library	10,931	2.745	10,931	2.760	908 80	2,291 24	622 20	2,118 08
Medical }	11,519 }		11,599 }		1,414 80	3,057 68	1,766 40	2,620 87
Anatomy }	8,205 }	6.273	8,205 }	5.831	397 20	2,178 37	402 00	1,853 96
Biological	8,389	2.234	8,389	2.195	776 24	1,864 71	819 98	1,684 49
Engineering	9,608	2.965	9,608	3.035	899 60	2,474 88	933 40	2,329 12
Thermodynamics	4,991	1.807	4,991	1.683	242 60	1,508 30	341 40	1,291 57
Observatory	748	.176	748	.176	121 32	146 91	131 06	135 07
Mining	15,180	4.493	15,180	4.781	1,906 60	3,750 29	2,302 80	3,669 04
Mill	5,704	1.627	5,704	1.661	256 00	1,358 05	208 00	1,274 69
Convocation Hall }	6,202 }		6,202 }		972 36	1,329 74	1,174 86	1,320 31
Simcoe Hall }	6,440 }	3.247	6,440 }	3.507		1,380 52		1,371 01
Botany	11,284	3.031	11,284	3.085	2,975 20	2,529 97	2,760 80	2,367 49
Men's Residences	9,253	3.082	9,253	3.086	991 40	2,572 54	925 80	2,368 26
Whitney Hall }	9,230 }		9,230 }		2,288 00	2,285 56	2,636 80	2,165 95
U. C. Women's Union }	3,328 }	3.726	3,328 }	3.840	235 00	824 52	207 00	780 95
Household Science	8,130	2.557	8,130	2.627	555 50	2,134 32	548 80	2,016 01
Electrical	9,527	2.533	9,527	2.343	508 62	2,114 29	460 42	1,798 07
Electrical Engineering Department					216 00		201 52	
Hygiene	15,733	4.321	15,937	4.591	9,868 00	3,606 73	10,331 00	3,523 23
No. 45 St. George St					48 54		39 18	
Military Studies					51 26		130 00	
U. C. Men's Residence					210 60		229 40	
No. 43 St. George St					37 66		26 06	
Baldwin House					139 78		154 12	
Economics Building					5 38		6 00	
Grounds					416 32		331 88	
Chemical }	6,196 }		6,196 }		777 40	1,352 41	983 20	1,210 06
McLennan Lab. }	15,748 }		15,748 }		1,577 74	3,436 90	1,406 53	3,075 53
Forestry }	3,804 }		3,804 }		28 20	830 15	65 20	742 91
Stores }	628 }		628 }		53 56	136 84	172 24	122 65
Press }	5,123 }	8.236	5,123 }	8.016	783 20	1,118 26	729 40	1,000 50

BUILDING	1935–36 Sq. Ft. Radiation	1935–36 Percentage Charge	1936–37 Sq. Ft. Radiation	1936–37 Percentage Charge	1935–36 Light	1935–36 Heat	1936–37 Light	1936–37 Heat
Museum	46,401	10.795	46,401	10.005	$ 4,858 80	$ 9,010 55	$5,378 00	$ 7,678 05
Arena	2,564	1.246	2,564	1.053	3,898 88	1,040 03	3,573 12	808 09
Stadium	....	....	....	....	129 12	....	117 20	....
Hart House Dining Hall	....	....	....	....	295 20	....	263 40	....
Wycliffe College	13,122	4.101	13,122	4.071	453 40	3,423 09	530 60	3,124 17
Knox College	16,071	4.251	16,071	4.545	1,451 20	3,548 30	1,642 00	3,487 93
Trinity College	....	....	....	....	25 36	....	20 84	....
Victoria College	8,430	....	8,430	....	353 70	2,095 57	402 08	1,976 80
Victoria College Library	3,854	....	3,854	....	481 66	957 72	558 88	903 75
Burwash Hall	8,659	....	8,659	....	1,105 08	2,152 72	1,199 10	2,030 50
Burwash Dining Hall	....	....	....	....	407 94	....	405 46	....
Emmanuel College	6,800	....	6,800	....	144 00	1,690 31	303 00	1,594 57
Emmanuel College Residence	6,695	10.256	6,695	10.523	553 80	1,664 33	601 00	1,569 95
Annesley Hall	4,630	1.694	4,630	1.628	555 18	1,413 98	596 70	1,249 36
	347,856	100.000	348,140	100.000	$ 55,712 70	$ 83,469 68	$ 58,152 83	$ 76,742 11

POWER HOUSE

COAL	1935-36	1936-37
Maximum daily consumption	99 tons	90 tons
Maximum weekly consumption	631 tons	527 tons
Average daily consumption—		
September	21 tons	13 tons
October	40 tons	40 tons
November	52 tons	60 tons
December	69 tons	61 tons
January	70 tons	61 tons
February	79 tons	65 tons
March	58 tons	62 tons
April	50 tons	50 tons
May	22 tons	25 tons
June	12 tons	10 tons
Consumption—Central Plant	13,838 tons	13,315 tons
Auxiliary Plant, Museum Area	1.362 tons	1,174 tons
Total Consumption	15.200 tons	14.489 tons
Total cost of operation	$139.182.38	$134,894.94
Load in square feet of radiation	347,856	348.140
Light and Power Charges	$ 55,712.70	$ 58,152.83
Cost of Heat	$ 83.469.68	$ 76,742.11
Cost of Heat per square foot of radiation	24.0c	22.0c

NOTE: In this distribution of cost, no allowance is made for high pressure steam supplied.

TEMPERATURES	1935-36		1936-37	
October	50.2	3.6 above average	49.0	2.4 above average
November	39.8	3.8 above average	34.3	1.7 below average
December	22.7	3.5 below average	31.5	5.3 above average
January	22.4	.5 above average	31.2	9.4 above average
February	17.5	5.0 below average	27.9	5.7 above average
March	34.5	5.8 above average	28.6	0.1 below average
April	39.6	1.6 below average	43.2	2.0 above average
May	58.7	6.3 above average	56.5	4.0 above average
Yearly average	35.67	1.24 above average	37.7	3.3 above average

AUDITOR'S CERTIFICATE

Toronto, 19 November, 1937.

To the Governors of the University of Toronto:

GENTLEMEN:

I have verified the attached Balance Sheet of the University dated 30th June, 1937, and Schedules 1 to 10, and report that all the transactions of the year upon the Revenue and Capital Accounts have been duly audited and found correct.

The securities representing your investments are held in safekeeping by your bankers, The Canadian Bank of Commerce, and were produced for my examination on 2nd July, 1937, and also at another time during the year and found to be in agreement with the records kept by the Bursar. Your securities consist largely of bonds issued or guaranteed by the Dominion of Canada and by the Province of Ontario and bonds of Ontario municipalities with certain corporation and other securities received as bequests. Their approximate market value as at 30th June, 1937, was greater than their book value by $860,110.74.

Bonds of the following municipalities which are included in your investments are in arrears of interest from one to five years or interest payments are being received at reduced rates:

	Par Value	Book Value
Town of Mimico 5½% 1942-1945	$21,000.00	$21,919.25
Essex Border Utilities 5½% 1945-1947	19,047.60	19,802.72
Town of Weston 5% 1936-1953	51,041.94	50,496.51
Town of Bridgeburg 5½% 1936-1946	23,194.01	23,746.75
Township of East York 5% 1944-1946	30,000.00	29,810.74
Township of York 5% 1935-1936	16,000.00	15,942.20
Township of Scarborough 5% 1943-1957	73,697.27	74,765.96

Bonds of Walkerville and Leaside were also in arrears at 30th June but are not included in the foregoing list as they have since that date made settlement with their bond creditors by refunding or by paying off the arrears.

I also report that no income was received from certain non-trustee securities which came to you from the Wallberg and Whitney bequests.

The Bursar's records are well kept and all Endowment and Trust Funds properly accounted for.

Yours faithfully,

G. T. CLARKSON,
Auditor.

FINANCIAL STATEMENT

BALANCE SHEET, 30th JUNE, 1937

FUNDS AND LIABILITIES

General Endowment	Schedule 1	$13,127,008 28	
Specific Endowments (Scholarships, Prizes, etc.)	" 2	509,364 83	
Trust Funds	" 3	6,629,204 88	
Pension and Retirement Funds	" 4	1,044,139 36	
Annuity Debentures	" 5	1,207,573 97	
Contingent Funds, etc.	" 6	229,914 89	
Fees paid in advance		617 00	
Royal College of Dental Surgeons		50,000 00	
			$22,797,823 21

ASSETS

Site Land, Buildings and Contents	Schedule 7	$12,026,148 85	
Unproductive Lands	" 8	58,622 40	
Leased Properties	" 9	752,975 71	
Investments, Cash and Accounts Receivable	" 10	9,176,850 06	
Royal Ontario Museum Investment		248,376 30	
Ontario Government Annuities (16 George V, Cap. 69)		87,129 05	
Ontario Government Annuities (18 George V, Cap. 55)		433,243 34	
Superintendent's Stores	Appendix IV	14,477 50	
			$22,797,823 21

NOTE: This statement does not include any assets or liabilities of The Toronto Conservatory of Music.

SCHEDULE 1

GENERAL ENDOWMENT

Additions for 1936-37:			
Annuity debentures:			
Portion of 1936-37 instalments reducing principal:			
Twenty-eighth instalment, issue of July, 1909	$ 15,170 52		
Twenty-sixth instalment, issue of January, 1911	3,645 00		
Twenty-sixth instalment, issue of January, 1911	8,412 00		
Twenty-second instalment, issue of April, 1915	2,588 97		
Thirteenth instalment, issue of July, 1924	6,768 40		
Eighth instalment, issue of January, 1929	34,041 98		
		$ 70,626 87	
Convocation Hall Advance:			
Restoration from proceeds of Wild Lands Sales,, thirtieth instalment		30 00	
Land and building:			
No. 53 St. George Street, purchased from Edward John Perkins Estate, building now demolished, area 21,780 sq. feet at cost price carried in Site Lands (Schedule 7)		17,318 70	
Library proper:			
Additions for year less depreciation (Schedule 7)		31,181 00	
			$ 119,156 57
CONTRA			
Reduction in valuation hitherto carried for No. 188 Yonge Street (Schedule 9)			70,000 00
			$ 49,156 57
Return of 30th June, 1936			13,077,851 71
Return of 30th June, 1937			$13,127,008 28

SCHEDULE 2

SPECIFIC ENDOWMENTS

(Scholarships, Prizes, etc.)

A. A. A. S. Scholarship (Physics, etc.)	$2,350 00
Aggett, Harvey, Memorial (Applied Science)	1,653 90
Aikins (English Literature)	5,298 73
Alexander Lectureship (English Literature)	14,657 48
All Souls' Historical Essay Prize	3,093 14
Armstrong, George H., (History)	2,276 99
B. A. A. S., Medals, etc.	13 62
Bain, H. R., (Matriculation, Applied Science)	800 00
Balfour Lectureship (Surgery)	4,679 60
Balmer, Jean (Science)	1,245 54
Bankers' (Political Science)	1,310 87
Baptie, Margaret W., (Medicine and Science)	4,047 47
Bastedo, Alma Anderson, Memorial Prize (English)	512 86
Blake (Matriculation)	31,206 72
Blake (Science and Moderns)	3,750 00
Boiler Inspection and Insurance Company (Applied Science)	150 00
Booth (University Schools)	1,000 51
Brickner, Rabbi (Social Science)	1,034 11
Brock, Margaret A., (Matriculation, English and History)	1,081 40
Brown, George, Memorial (Medical Science)	10,856 58
Brown, George (Modern Languages)	1,128 34

Bruce, Robert (Arts and Medicine)	1,375 20
Chappell, Walter F., Prize (Medicine or Surgery)	501 77
Cockburn, G. R. R., (Greek)	1,050 00
Cody, Florence (Matriculation)	2,531 63
Cody, Henry John (Matriculation)	2,533 02
Cody, Maurice, Memorial (Modern History)	3,189 63
Cody, Maurice, Memorial Prize	1,270 35
Cody, Maurice, Memorial (University Schools)	261 45
Coleman Medal (Geology)	501 15
Copp, John, Memorial Fund (Medicine)	5,039 20
Crawford, Allan Rudyard (University Schools)	525 00
Crawford, Henry Job (University Schools)	1,049 61
Derling & Pearson Prize (Architecture)	100 00
De Lury, Alfred T., (Mathematics)	3,547 35
Dickenson, Marion E., (Household Science)	5,746 13
Dunlap, David, Memorial (Psychology)	1,325 00
Findlay, J. A., (Mechanical Engineering)	2,014 67
Fletcher-Johnston Memorial Prize (Latin)	10 00
Fulton, Alexander T., (Mathematics and Science)	3,351 30
Gibson (Matriculation)	3,868 50
Gibson (Pass Matriculation)	5,034 50
Glen Mawr Old Girls' Association (English and History)	2,301 33
Goldsmith, Perry (Oto-Laryngology)	3,063 19
Grasett Memorial (Classics)	5,317 96
Hardie, William (Matriculation)	2,350 00
Harris, James (Matriculation, University College)	26,074 42
Hastings (Public Health and Nursing)	11,234 54
Henderson, Joseph, Memorial (Matriculation)	2,265 44
Hendry, William John (Obstetrics)	3,009 24
Hollywood Theatre Prizes (French)	50 00
Hutton, Maurice (Classics)	5,480 03
International Mathematical Congress, 1924 (Medals)	2,732 88
Irwin, Herbert W., Memorial (Modern Languages)	1,033 15
Isserman, Rabbi, Prize (Social Science)	864 77
Jenkins (Engineering)	300 00
Kennedy, George (Philosophy)	4 45
Kennedy, Sarah (Household Economics)	4 45
Khaki University Memorial	3,318 71
Laurier, Sir Wilfrid, Memorial (French)	2,222 61
Lawler, Gertrude, Memorial (English and History)	3,178 18
Lawler, Gertrude, Prize (English)	303 97
Lindsley Fellowship (Geophysics)	1,600 00
Lister Prize (Surgery)	5,320 10
Lyle Medal (Orientals)	639 42
McCaul Medal (Classics)	550 93
McCharles, AEneas, Prize	20,892 92
McCrae, John (Matriculation)	10,885 11
McCrea, Dent (Law)	50 00
Macdonald, John (Philosophy)	2,330 00
Mackenzie, Alexander, Memorial (Political Science)	16,425 00
Mackenzie, J. J., Fellowship (Pathology)	5,714 02
McLean, J. S., Fellowship (University College)	2,500 00
McLean, J. S., (Matriculation, University College)	8,150 00
MacLennan-MacLeod Memorial Prize (Applied Science)	512 50
MacMurchy, Angus, Medal (Law)	1,018 54
McPhedran, Alexander, Research Fellowship (Medicine)	29,903 37
Marfleet, Pearson Kirkman, Lectureship	8,229 67
Mickle, Charles, Fellowship	28,877 46
Mickle, Ellen, Fellowship	28,953 95
Moss (Classics)	2,000 00
Mulock, Mary (Classics)	2,838 74
Mulock, William (Classics and Mathematics)	2,000 00
Neelands, Florence M., Prize (French)	513 75
Nesbitt, Wallace, Medals (University Schools)	581 32
Nipissing Research Fellowship (Mining)	21,054 60
Ontario Association of Architects	100 00
Ontario Hockey Association War Memorial (Matriculation)	2,025 00
Pakenham Memorial Prize	1,007 38
Pan-Hellenic Association Prizes (University College)	150 00
Peters, George A., (Surgery)	3,560 23
Porter, T. M., (University Schools)	6,017 08

Porter, T. M., (Corrigan gift) University Schools	1,000 00
Prince of Wales (Matriculation	1,000 00
Quebec Bonne Entente Prize (French)	1,000 00
Ramsay, William (Physics)	1,129 70
Ramsay, William (Political Economy)	1,314 42
Ransom, A. C., (Applied Science)	5,016 80
Reeve, Anna Howe, Prize (Household Science)	674 55
Reeve, R. A., Prize (Medicine)	50 00
Richardson, James H., Research Fellowship (Anatomy)	10,000 00
Rossin, Julius (Modern Languages)	1,000 00
Rowell, Langford (Law)	1,012 06
Rowell, Langford (University Schools)	2,000 00
Saddington, Ronald S., Medal (Pathology)	1 55
St. Margaret's College Alumnae (Social Science)	75 00
St. Margaret's College Alumnae Prize (Public Speaking)	602 37
Squair French Prose Prize	310 16
Starr Bequest (Medals)	7,702 62
Strang, Hugh Innis, Memorial (Classics)	2,789 94
Toronto Women's League of United Synagogue Prize (Medicine)	50 00
Tracy (Philosophy)	932 16
Ubukata (Japanese students)	10,556 12
University College Alumni Scholarship (Matriculation)	50 00
U. T. S. Engineering	250 00
Vander Smissen (German)	2,667 79
Wickett, Morley (Matriculation, English and History)	2,281 04
Wilson, Daniel (Natural Science)	2,000 00
Wright, Ramsay (Zoology)	17,604 21
Wrong, George M., (Modern History)	3,728 37
Young Memorial (Philosophy)	6,082 24

Ledger Balances on 30th June, 1937			$ 509,364 83
Return of 30th June, 1936	$496,167 28		
Additions to funds during year (including income from investments)	39,723 23		
Interest written to endowments	6,122 08		
		542,012 59	
Expended for scholarships, prizes, etc		32,647 76	
Return of 30th June, 1937			$509,364 83

SCHEDULE 3.

Trust Funds

Banting Research Foundation	$713,215 22
Banting Research Foundation (Reserve)	9,459 20
Carnegie Corporation, Educational Research	4,736 82
Carnegie Corporation, Language Study	3,438 82
Carnegie Corporation, Library, University College	2,622 83
Carnegie Corporation, Professorship in Physics	622 50
Carnegie Corporation, Fine Art Lectureship	2,419 50
Carnegie Corporation, Workmen's Educational Association	1,956 36
Connaught Laboratories Research	200,000 00
Dental Research	373 44
Dunlap Bequest (Medical Research)	109,237 40
Eaton Endowment (Medicine)	51,793 25
Engineering Society Donation	177 49
Fairclough, William Erving, Memorial	25,163 50
Fasken, David, Trust	4,807 11
Forster, J. W. L., Fine Art Donation	758 48
Fulford Estate Donation	3,165 36
Honor, John, Bequest (Arts)	10,411 79
Horton, John Hughes, Bequest (not allocated)	796 67
Hoskin, John, Bequest (Residences)	12,962 28
Insulin Committee, Surplus	814,472 12
Langton, John, Memorial	30 00
Leonard, Reuben Wells, Bequest	79,834 04
Library Funds:	
Abbott Dental	132 33
King Alfred Millenary	10,025 58
Phillips Stewart	1,501 22

John Squair (French) No. 1	1,000 00	
John Squair (French) No. 2	1,002 78	
Graduates' Deposits	3,283 77	
Massey Foundation	261,065 26	
Massey-Treble Bequest, Household Science	26,205 84	
Medical Research, Banting	160,986 80	
Medical Research, Best	98,479 44	
Mendel, Bruno, Fund	2,970 74	
McLennan, Sir John, Bequest (Scientific Research)	4,031 86	
Ontario Archaeology—Special Research	722 97	
Porter, T. M., Bequest	11,712 90	
Reeve, R. A., Bequests (not allocated)	18,191 57	
Rockefeller (Medical Endowment)	1,043,912 50	
Rockefeller (Hygiene Endowment)	860,687 78	
Rockefeller (Alberta Social Credit)	500 00	
Rockefeller (Child Research)	4 18	
Rockefeller (St. George's School Printing)	629 26	
Rockefeller (School of Nursing)	6 01	
Rutherford, Dr. James P., (Medical Research)	6,035 38	
Seldon, Lauretta M., Bequest	53 33	
Simpson, Mary A., Bequest	100 77	
Standard Brands Research (Chemistry)	7 47	
Stewart, John A., (Pernicious Anaemia)	2,367 44	
Walker, E. C., Bequest (Residences)	58,863 08	
Walker, J. Harrington, Bequest (Residences)	32,397 10	
Wallberg, E. A., Memorial	1,756,633 74	
Wallberg, E. A., Memorial (Loan Fund)	4,014 07	
Whitney, E. C., Bequest	199,877 87	
Wintercorbyn, Mrs. E. A., Bequest	9,347 66	
Ledger balances on 30th June, 1937		$6,629,204 88
Return of 30th June, 1936	$5,544,482 61	
Additions to funds during year (including income from investments	1,569,064 01	
Interest written to endowments	56,817 84	
	$7,170,364 46	
Expenditures and transfers from funds	541,159 58	
Return of 30th June, 1937		$6,629,204 88

SCHEDULE 4

Pension and Retirement Funds

1. Retirement Fund (Old Plan):		
At credit of account on 30th June, 1936	$56,565 61	
Contributions during year	1,325 00	
Interest credited	2,389 25	
	$60,279 86	
Withdrawals	60,279 86	
		$..........
2. Pension Fund (Academic) (Commenced 1 July, 1929):		
At credit of account on 30th June, 1936	$362,859 41	
Contributions during year	45,450 01	
Interest credited	17,235 34	
	$425,544 76	
Withdrawals	14,709 02	
		$410,835 74
3. Pension Fund (Employees) (Commenced 1 October, 1929):		
At credit of account on 30th June, 1936	$434,219 59	
Contributions during year	68,541 85	
Interest credited	19,238 57	
	$522,000 01	
Withdrawals	19,396 39	
		$502,603 62
4. Estimated accrued liability as per Actuary's report at quinquennial revaluation in 1934		$130,700 00
Return of 30th June, 1937		$1,044,139 36

SCHEDULE 5

Annuity Debentures

Issue of July, 1909, $500,000, repayable in forty equal annual amounts of $25,260 each,	
Value as on 30th June, 1937, of the twelve outstanding instalments	$237,066 60
Issue of January, 1911, under 1 George V, Cap. 80, for construction of Pathological building, $130,000, repayable in forty equal annual amounts of $6.568 each.	
Value as on 30th June, 1937, of the fourteen outstanding instalments	69.378 00
Accrued on 30th June, 1937, of twenty-seventh payment and charged to Revenue, 1936-37	3,284 00
Issue of January, 1911, under 1 George V, Cap. 80, as a grant towards construction of Toronto General Hospital, $300.000, repayable in forty equal annual amounts of $15.157 each,	
Value as on 30th June, 1937, of the fourteen outstanding instalments	160.102 00
Accrued on 30th June, 1937, of twenty-seventh payment and charged to Revenue, 1936-37	7.578 50
Issue of April, 1915, under R. S. O., 1914, Cap. 279, to provide for the payment of $100,000 to the Hart A. Massey Estate towards the Gymnasium portion of Hart House, $110,000, repayable in forty equal annual amounts of $5.975 each,	
Value as on 30th June, 1937, of the eighteen outstanding instalments	72.656 15
Accrued on 30th June, 1937, of twenty-third payment and charged to Revenue, 1936-37	1.244 80
Issue of July, 1924, under R. S. O., 1914, Cap. 279, for construction of Forestry building, $124,622, repayable in twenty equal annual amounts of $10,000 each,	
Value as on 30th June, 1937, of the seven outstanding instalments	57.863 70
Issue of January, 1929, under R. S. O., 1927, Cap. 337, for construction of a new building for Pathology and allied departments (Banting Institute) $800,000, repayable in twenty equal annual amounts of $64,193 each,	
Value as on 30th June, 1937, of the twelve outstanding instalments	568.978 42
Accrued on 30th June, 1937, of ninth payment and charged to Revenue, 1936-37	29,421 80
	$1.207.573 97

SCHEDULE 6

Contingent Funds, Etc.

Contingent Fund (Investment Reserve):			
Balance brought forward from 1936			$172.161 84
Organ Fund:			
Balance on 30th June, 1936		$3.651 41	
Expenditure on upkeep of organ, less receipts		187 38	
			3.464 03
University Press:			
At credit of accounts as per Appendix III			52.851 58
Ontario College of Education:			
At credit of account (Appendix V)			43.857 62
Sundry Legislative Grants:			
Administration Building:			
Balance brought forward from 1936			283 15
Botanical Building:			
Balance brought forward from 1936			1 65
David Dunlap Observatory (Construction Account):			
Balance brought forward from 1936			237 35
			$272.857 22
Sundry ledger balances, items in suspense, etc.:			
Residence, Laboratory and Key deposits	$3.780 07		
Fire Loss Accounts	481 65		
		$4,261 72	
Fire Insurance Premiums paid in advance	$32.775 84		
Workmen's Compensation Board deposit	189 87		
Banting Institute	133 34		
		33.099 05	
			28.837 33
			$244.019 89
Balance at debit of Revenue on 30th June, 1936, brought forward		$45.878 09	
Less credit balance at 30th June, 1937, as per Schedule 6a		31,773 09	
			14.105 00
			$229.914 89

SCHEDULE 6a

Revenue, 1936-37

Receipts

		Estimate	Actual
Legislative Grant, University Act, 1906		$500,000 00	$500,000 00
Legislative Grant, 60 Vict., Cap. 59		7,000 00	7,000 00
Legislative Grant, 13-14 George V		10,000 00	10,000 00
Fees, University and College, as detailed in Appendix 1		775,000 00	806,749 66
Infirmary Receipts, Dentistry		30,000 00	25,808 75
Interest:		160,000 00	
On Dominion and Provincial Government Bonds			105.350 29
On Ontario Government Annuities			27,905 27
On Debentures			3,399 94
On Loans			2,880 00
On Bank Balances			3,185 65
Rentals:			
University Park ground leases			11.393 00
City of Toronto payment			6,000 00
Business properties			11,642 86
Sundry houses, etc.			2,151 00
Sundry land earnings			100 00
Men's Residences: (General, $13,712.05; University College, $2,574.95)		17,000 00	16.287 00
Women's Residences: (Whitney Hall, $48,421.02; St. George Street Group, $14,579.15)		68,000 00	63,000 17
University College Women's Union: (Membership fees, $2,001; rooms and meals, $5,054.09)			7.055 09
Central Power Plant:			
Wycliffe, Victoria and Knox Colleges	$27,412 99		
Royal Ontario Museum	13,056 05		
Sundry accounts	12,809 33		
		50,000 00	53.278 37
Press and Book Department		30,000 00	30,000 00
Photographic Service and Casual Revenue		5,000 00	10.754 72
		$1,652,000 00	$1.703,941 77
Special Legislative Grant for 1936-37		920,000 00	920,000 00
Supplementary Grant		180.000 00	180.000 00
		$2,752,000 00	$2.803,941 77

Expenditures

	Estimate	Actual
Under appropriations as per Appendix II	$2.817,600 00	$2,704,243 65
Interest written to Scholarship and other funds	65,000 00	67.925 03
	$2.882.600 00	$2.772,168 68
Receipts as above		2.803,941 77
Excess of receipts over expenditures carried to Schedule 6		$ 31,773 09

SCHEDULE 7

Site Lands, Buildings and Contents

Site Lands:		
2.423,843 sq. feet @ forty cents per foot	$969.537 20	
332.549 sq. feet @ cost price	447,344 23	
18.000 sq. feet @ estimate	40.000 00	
2.774.392 sq. feet		$1.456,881 43
Buildings:		
Anatomical building	$482.388 37	
Baldwin House	12.000 00	
Banting Institute	813,129 93	
Biological building	129.745 30	
Botanical building	516,998 35	
Chemical building	77,469 88	
Convocation Hall	214.866 22	
Dental building	350,000 00	
Economics building	76,350 00	
Electrical building	346.699 89	

Engineering building		50,000 00	
Forestry building		122,359 86	
Geodetic Observatory building		12,000 27	
Hart House (not appraised)		....	
Household Science building		455,000 00	
Hygiene and Public Health building		826,865 34	
Library building		327,425 50	
McLennan Laboratory		363.945 85	
Mechanical building		119,017 21	
Medical building		200,000 00	
Men's Residences		217,670 04	
Military Studies building		8,239 47	
Mining building		384,736 89	
Mill building		229,972 52	
Ontario College of Education		703,390 67	
President's House		38.767 62	
Press building		1 00	
Psychology buildings		22,333 26	
Simcoe Hall		399,055 10	
University College building		450,000 00	
University College Women's Union		70,059 19	
Women's Residences:			
Whitney Hall		487.988 37	
Hutton House		24,723 77	
St. George Street Properties:			
Numbers 43		30.054 25	
45		39.079 67	
47		10,172 95	
49		25,007 51	
96		22,692 60	
98		16,708 84	
100		17,776 93	
106		10.034 15	
			$8,704.726 77
Library			638,572 11
Organ			24,000 00
Sundry Departmental Equipment			375,153 99
Furniture and Furnishings, various buildings			43,824 81
Arena			223,070 40
Athletic Field Stadium and equipment			11.817 88
Aura Lee Grounds and equipment (Ontario College of Education)			17.276 27
Gymnasium equipment			7,620 19
Surveying Practice Camp, Lutterworth Township, (land, $1,250, buildings, etc., $10,000)			11,250 00
David Dunlap Observatory (land. $41,750, buildings, $163,700, telescope, dome, etc. $225,000)			430,450 00
Connaught Laboratories (Farm, buildings and equipment)			81.500 00
Connaught Laboratories (Hygiene building plant)			1 00
Central Power Plant			1 00
Printing Plant			1 00
General Museum Specimens			1 00
Dining Hall equipment			1 00
Total valuation			$12.026.148 85
Return of 30th June, 1936		$11,977,913 55	
Additions thereto as per Schedule 1:			
Land and Building		17,318 70	
Library proper:			
Value of additions for 1936-37 reported by the Librarian	$50.930 65		
Less depreciation @ 3% on $658.321.76	19.749 65		
		31.181 00	
			$12.026.413 25
Contra			
Women's Residences Furniture written down by application of credit from Sale of Wild Lands set apart for Women's Residences			264 40
Return of 30th June. 1937			$12,026.148 85

SCHEDULE 8

Unproductive Lands

U. C. C. block on King Street	$50,425 40	
Vacant land in Port Hope	8,045 00	
Endowment lands unsold in various townships	152 00	
(No transactions during year)		
Return of 30th June, 1937		$58.622 40

SCHEDULE 9

Leased Properties

Land leased to City of Toronto	$120.000 00	
Park Lots leased (including Federated Colleges Sites)	402.992 20	
Toronto business properties	213,000 00	
Spadina Avenue houses (Nos. 719-721)	8.023 51	
Caradoc Farm	3.000 00	
		$747,015 71
Rentals and City of Toronto payment accrued	$7,295 00	
Rentals in advance	1.335 00	
		5.960 00
		$752,975 71
Return of 30th June, 1936	$824.365 71	
Reduction in figure hitherto carried for business property No. 188 Yonge Street to conform to recent valuation	70.000 00	
	$754,365 71	
Decrease in rentals past due	1,390 00	
Return of 30th June. 1937		$752.975 71

SCHEDULE 10

Investments, Cash and Accounts Receivable

Dominion of Canada Bonds and guaranteed issues	$3.193.958 00	
Interest accrued	8.348 89	
Interest outstanding on purchases	1.458 90	
		$3,203.765 79
Province of Ontario Bonds and guaranteed issues	$2,729,851 60	
Interest accrued	17,930 59	
Interest outstanding on purchases	838 36	
		2.748.620 55
Other Government Bonds	408.899 00	
Interest accrued	965 85	
Interest outstanding on purchases	1.343 84	
		411.208 69
Municipal debentures	654.722 16	
Interest accrued	1.720 51	
Interest outstanding on purchases	702 74	
		657.145 41
University of Toronto debentures (guaranteed)		568,978 42
Toronto Conservatory of Music debentures	$244.800 00	
Interest outstanding on purchase	342 34	
		245.142 34
Corporation debentures		34.401 00
Canadian Pacific Railway and other stocks		77.585 00
Investments in trust for Banting Research Foundation		711.272 49
Loan to Athletic Association		65,000 00
Loan to Hart House		7,000 00
Accounts Receivable:		
University Press	$38 82	
Department of Photography	178 47	
Labour and material	5.818 94	
Central Power Plant	28.221 08	
	34,257 31	
Less Royal Ontario Museum balances and miscellaneous items at credit	28.780 05	
		5.477 26
Canadian Bank of Commerce, on deposit		441.253 11
		$9.176.850 06

Transactions, 1936-37

Inwards		
Dominion and Provincial Government Bonds	$34,539 03	
Municipal debentures	16,875 42	
University of Toronto debentures	34,041 98	
Corporation debentures	147,753 95	
Toronto Conservatory of Music debentures	25,500 00	
Sundry stocks	924,791 37	
Banting Research Foundation Investments	1.424 20	
Withdrawals from Canadian Bank of Commerce	5.263.513 89	
Decrease in accounts outstanding	6,288 22	
Decrease in accrued revenue	480 18	
		$6,455.208 24
Outwards		
Dominion and Provincial Government Bonds	$885,382 09	
Municipal debentures	140,300 26	
Corporation debentures	122,473 95	
Toronto Conservatory of Music debentures	245,300 00	
Sundry stocks	737,291 37	
Banting Research Foundation Investments	190 05	
Deposits in Canadian Bank of Commerce	5,487,700 99	
		7.618.638 71
		$1,163.430 47
Return of 30th June, 1936		8.013.419 59
Return of 30th June, 1937		$9,176,850 06

APPENDIX 1

Fees, 1936-37

Balance brought forward, 1935-36			$3,020 00
Total of fees collected, 1936-37			994,279 40
			$997,299 40
Distribution thereof:			
Sundry refunds during year			$6.119 80
Share of fees paid to the following:			
Hart House			36,409 25
Students' Administrative Council			15.292 00
Medical Society			3,158 00
Dental Students' Parliament			1.560 00
Foresters' Club			105 00
Graduate Students' Union			480 00
University College Literary and Athletic Society			1.765 00
University College Women's Undergraduate Association			1.404 00
Medical Women's Undergraduate Association			122 00
Teachers' Course Association			1.174 00
Royal College of Dental Surgeons			1,940 00
St. Michael's College (Household Science)			60 00
Toronto Conservatory of Music			700 00
Hospitals:			
Toronto General	$9.375 00		
Toronto General (Burnside)	968 00		
		$10,343 00	
St. Michael's		1.605 00	
Sick Children's		1,165 00	
Toronto Western		1.135 00	
			14.248 00
Credited to Sundry Accounts:			
Ontario College of Education			63.383 61
University College Women's Union			2.001 00
School of Nursing			14,231 50
St. George's School for Child Study			2.821 50
Microscopes Account			22 00
Laboratory Deposits			22,936 08
Fees paid in advance for 1937-38			617 00
Balance to Revenue Account (Schedule 6a)			806.749 66
			$997.299 40

DETAILS OF FEES RECEIVED

	Arts	Commerce and Finance	Medicine	Applied Science	Dentistry	Education and Pedagogy	Forestry	Music	Household Science	Total
General Tuition	$ 122,169 30	$ 22,134 00	$ 195,216 00	$ 163,858 41	$ 45,209 00	$ 26,157 00	$ 4,468 00	$ 905 00	$ 5,919 00	$ 586,035 71
Graduate Courses	....	....	600 00	....	300 00	....	....	....	....	900 00
University Schools	....	....	....	....	....	30,789 61	....	....	....	30,789 61
Library School	....	....	....	....	....	4,012 50	....	....	....	4,012 50
Registration	....	....	20 00	....	115 00	485 00	....	35 00	....	655 00
Matriculation	405 00	15 00	40 00	63 00	40 00	....	15 00	45 00	....	623 00
Ad Eundem	160 00	....	60 00	40 00	220 00	....	....	60 00	90 00	630 00
Examinations	28,555 75	1,990 00	10,167 00	9,800 00	2,330 00	1,994 00	370 00	450 00	600 00	56,256 75
Degrees & Hon. Cert.	6,093 50	262 00	2,851 00	1,345 00	1,030 00	775 00	80 00	190 00	230 00	12,856 50
Laboratory Supplies	4,629 75	....	....	....	....	....	....	....	....	4,629 75
Library	18,041 00	1,344 00	5,859 00	5,509 00	1,365 00	....	238 00	....	322 00	32,678 00
Physical Education (Diploma)	502 00	....	....	....	....	....	....	....	....	502 00
Med. Exam. & Phy. Tr. (Men)	4,021 00	550 00	1,170 00	2,115 00	377 00	....	100 00	....	....	8,333 00
Med. Exam. & Phy. Tr. (Women)	978 00	20 00	62 00	....	4 00	....	....	4 00	12 00	1,080 00
Penalties	2,379 25	201 00	1,203 00	846 00	214 00	....	30 00	....	26 00	4,899 25
Laboratory Deposits	10,444 35	....	4,107 50	4,763 69	3,122 54	....	....	....	498 00	22,936 08
Women's Union	1,822 00	9 00	48 00	4 00	....	....	....	8 00	28 00	1,919 00
Women's Undergraduate Association	1,395 00	9 00	122 00	....	....	....	....	....	....	1,526 00
Hart House	13,791 75	1,842 00	7,523 25	7,864 25	1,970 00	1,280 00	358 00	....	....	34,629 25
Students' Adm. Council	7,517 00	504 00	2,077 00	2,104 00	590 00	636 00	98 00	....	182 00	13,708 00
Literary and Athletic Society	1,520 00	245 00	....	....	....	....	....	....	....	1,765 00
Medical Society	....	....	3,158 00	....	....	....	....	....	....	3,158 00
Microscopes	....	....	22 00	....	....	....	....	....	....	22 00
Dental Students' Parliament	....	....	....	....	1,560 00	....	....	....	....	1,560 00
Foresters' Club	....	....	....	....	....	....	105 00	....	....	105 00
	$ 224,424 65	$ 29,125 00	$ 234,305 75	$ 198,312 35	$ 58,446 54	$ 66,129 11	$ 5,862 00	$ 1,697 00	$ 7,907 00	$ 826,209 40

DETAILS OF FEES RECEIVED—Continued

	Post Graduate	University Extension	Social Science	Law	Pharmacy	Veterinary Science	Agriculture	School of Nursing	St. George's School	Total
Tuition	$ 12,991 75		$ 7,177 00		$ 15,278 00			$ 14,344 00	$ 2,821 50	$ 52,612 25
Summer Session:										
Tuition		$ 18,652 00								18,652 00
Specialists		1,650 00								1,650 00
Correspondence Courses		6,312 00								6,312 00
Teachers' Course		22,099 00								22,099 00
Occupational Therapy		6,646 00								6,646 00
Physiotherapy		6,032 00								6,032 00
Tutorial Courses		20,271 00								20,271 00
Short Courses:										
Journalism		15 00								15 00
Nurses		782 00								782 00
Public Admistration		532 00								532 00
Registration	2,623 00									2,623 00
Matriculation		5 00		15 00	490 00					510 00
Ad Eundem		20 00				10 00				30 00
Examinations	3,063 50	6,810 00	750 00	90 00	1,620 00	22 00	1,160 00	85 00		13,600 50
Degrees & Hon. Cert.	2,739 25	410 00		100 00	892 00	340 00	1,130 00	30 00		5,641 25
Library	2,887 00		525 00					763 00		4,175 00
Med. Exam. and Phy. Tr. (Women)	4 00		12 00					84 00		100 00
Penalties		582 00	79 00		4 00			22 00		687 00
Women's Union	6 00	72 00			4 00					82 00
Hart House			10 00		1,770 00					1,780 00
Students' Adm. Council		302 00	310 00		730 00			242 00		1,584 00
Graduate Stu. Union	480 00									480 00
Teachers' Course Association		1,174 00								1,174 00
	$ 24,794 50	$ 92,366 00	$ 8,863 00	$ 205 00	$ 20,788 00	$ 372 00	$ 2,290 00	$ 15,570 00	$ 2,821 50	$ 168,070 00

CLASSIFICATION OF SERVICES

	Gross Receipts	Refunds	Other Deductions	Net Amount
Tuition, etc.:				
Arts	$122,169 30	$1,166 30	....	$121,003 00
Commerce and Finance	22,134 00	49 00	....	22,085 00
Medicine	195,816 00	348 00	14,248 00	181,220 00
Applied Science	163,858 41	248 50	....	163,609 91
Dentistry	45,509 00	32 00	1,940 00	43,537 00
Education	32,648 50	54 50	32,594 00	....
Education (University Schools)	30,789 61	....	30,789 61	....
Forestry	4,468 00	....	....	4,468 00
Music	905 00	....	700 00	205 00
Household Science	5,919 00	110 00	60 00	5,749 00
Post Graduate	12,991 75	30 00	....	12,961 75
University Extension	82,991 00	2,518 00	....	80,473 00
Social Science	7,177 00	15 00	....	7,162 00
Pharmacy	15,278 00	278 00	....	15,000 00
School of Nursing	14,344 00	112 50	14,231 50	....
St. George's School	2,821 50	....	2,821 50	....
Registration	2,793 00	....	....	2,793 00
Matriculation	1,133 00	....	....	1,133 00
Ad Eundem	660 00	20 00	....	640 00
Examinations	67,863 25	663 00	....	67,200 25
Degrees and Honour Certificates	18,497 75	210 00	....	18,287 75
Laboratory Supplies	4,629 75	15 00	....	4,614 75
Library	36,853 00	59 00	....	36,794 00
Physical Education Diploma	502 00	....	....	502 00
Med. Exam. and Phy. Tr. (Men)	8,333 00	40 00	....	8,293 00
Med. Exam and Phy. Tr. (Women)	1,180 00	8 00	....	1,172 00
Penalties	5,586 25	143 00	....	5,443 25
Women's Union	2,001 00	....	2,001 00	....
Women's Undergraduate Association University College	1,404 00	....	1,404 00	....
Women's Undergraduate Association Medicine	122 00	....	122 00	....
Hart House	36,409 25	....	36,409 25	....
Students' Administrative Council	15,292 00	....	15,292 00	....
Literary and Athletic Society	1,765 00	....	1,765 00	....
Medical Society	3,158 00	....	3,158 00	....
Dental Students' Parliament	1,560 00	....	1,560 00	....
Foresters' Club	105 00	....	105 00	....
Graduate Students' Union	480 00	....	480 00	....
Teachers' Course Association	1,174 00	....	1,174 00	....
Microscopes	22 00	....	22 00	
Laboratory Deposits	22,936 08	....	22,936 08	....
	$994,279 40	$6,119 80	$183,812 94	$804,346 66

RECAPITULATION

University Fees Proper	$866,584 60	$4,953 50	$183,812 94	$677,818 16
University College Fees Proper	127,694 80	1,166 30	....	126,528 50
Balance brought forward, 1935-36	3,020 00	....	....	3,020 00
	$997,299 40	$ 6,119 80	$183,812 94	$807,366 66
Less paid in advance for 1937-38	....	....	....	617 00
				$806,749 66

APPENDIX II

REVENUE EXPENDITURES, 1936-37

	Appropriation	Supplementary	Unused	Total
I. Administration:				
1. Salaries	$110,800 00		$2,303 26	$108,496 74
2. Pensions and Retiring Allowances	103,700 00		2,344 58	101,355 42
3. President's Office	800 00	50 52		850 52
4. Bursar's Office	5,200 00		416 00	4,784 00
5. Registrar's Office	5,950 00		799 11	5,150 89
6. Superintendent's Office	4,700 00		1,193 12	3,506 88
7. Convocation and Simcoe Halls	12,025 00		1,821 97	10,203 03
8. President's House	100 00			100 00
	$243,275 00	50 52	$8,878 04	$234,447 48
II. Library:				
9. Salaries	$58,270 00		$991 72	$57,278 28
10. Maintenance	52,200 00	392 92		52,592 92
11. Building	5,070 00		318 29	4,751 71
	$115,540 00	$392 92	$1,310 01	$114,622 91
III. 12. Royal Ontario Museum	$73,367 00		$ 44	$73,366 56
IV. Athletics, Physical Training, Military Studies, etc.:				
13. Athletics and Physical Training—Men	17,610 00		1,903 82	15,706 18
14. Athletics and Physical Training—Women	6,600 00		297 41	6,302 59
15. Health Service—Men	8,250 00		328 59	7,921 41
16. Health Service—Women	4,750 00		110 62	4,639 38
17. Military Studies	3,580 00		58 57	3,521 43
18. Hart House (share of maintenance)	9,500 00	294 01		9,794 01
19. Women's Building (44 Hoskin Avenue)	1,145 00		433 80	711 20
20. Military Studies Building	1,350 00		121 92	1,228 08
	$52,785 00	$294 01	$3,254 73	$49,824 28
V. Faculty of Arts:				
21. Salaries	$741,260 00		$19,333 27	$721,926 73
22. Mathematics	650 00		450 79	199 21
23. Applied Mathematics	800 00		8 51	791 49
24. Physics	9,750 00		1,145 85	8,604 15
25. Astronomy	3,100 00		440 47	2,659 53
26. Geology	1,300 00		141 78	1,158 22
27. Mineralogy	1,000 00		499 37	500 63
28. Chemistry	8,350 00		1,470 10	6,879 90
29. Biology	5,540 00		164 45	5,375 55
30. Botany	6,300 00	47 88		6,347 88
31. History	1,100 00		20 41	1,079 59
32. Anthropology	25 00		13 96	11 04
33. Archaeology	400 00	1 51		401 51
34. Fine Art	1,600 00	26 95		1,626 95
35. Geography	450 00	106 13		556 13
36. Political Economy	2,500 00		68 68	2,431 32
37. Philosophy	150 00		62 84	87 16
38. Psychology	3,925 00		180 78	3,744 22
39. Italian and Spanish	225 00		11 14	213 86
40. University College Departments	600 00		233 75	366 25
41. University College General Expenses	1,600 00	36 03		1,636 03
42. University College Building	11,875 00		707 92	11,167 08
43. McLennan Laboratory (Physics)	6,175 00		312 53	5,862 47
44. Chemical Building	4,150 00		407 16	3,742 84
45. Biological Building	5,425 00		182 42	5,242 58
46. Botany Building	6,225 00		531 86	5,693 14

Revenue Expenditures, 1936-37—Continued

	Appropriation	Supplementary	Unused	Total
47. Baldwin House (History)	$ 2,905 00		$ 260 06	$ 2,644 94
48. No. 43 St. George St.	1,055 00		219 97	835 03
49. No. 45 St. George St. (Law)	2,160 00		296 08	1,863 92
50. No. 47 St. George St. (Applied Mathematics)	1,170 00		542 68	627 32
51. Economics Building	9,950 00	206 21		10,156 21
52. Psychology Building	3,690 00		1,018 55	2,671 45
53. David Dunlap Observatory	4,000 00		344 45	3,655 55
	$849,405 00	$ 424 71	$29,069 83	$820,759 88

	Appropriation	Supplementary	Unused	Eaton, Rockefeller and Wallberg Funds	Total
VI. Faculty of Medicine:					
54. Salaries	$257,210 00		$4,686 03	$78,996 96	$331,520 93
54a. Post Graduate Courses		$ 594 55			594 55
55. Anatomy	5,600 00		322 33		5,277 67
56. Pathology and Bacteriology	7,925 00		971 05		6,953 95
57. Pathological Chemistry	2,250 00		235 24		2,014 76
58. Pharmacy and Pharmacology	2,400 00		299 98		2,100 02
59. Bio-Chemistry (including Zymology)	4,700 00		49 24		4,650 76
60. Physiology	3,650 00		26 38		3,623 62
61. Hygiene and Preventive Medicine	2,220 00		317 36		1,902 64
62. Medicine				2,505 99	2,505 99
63. Paediatrics				1,460 88	1,460 88
64. Surgery	2,250 00		1,160 03		1,089 97
65. Obstetrics and Gynaecology	550 00		17 06		532 94
66. Ophthalmology	500 00		496 50		3 50
67. Oto-Laryngology	250 00		105 24		144 76
68. Therapeutics	200 00		22 04		177 96
69. Psychiatry	50 00		23 61		26 39
70. Medical Jurisprudence					
71. Radiology	1 000 00				1,000 00
72. Art Service	4,100 00		52 51		4,047 49
73. General Expenses	4,500 00		1,435 79		3,064 21
74. Medical Building	8,850 00		603 59		8,246 41
75. Banting Institute	22,850 00		1,015 51		21,834 49
76. Anatomical Building	5,135 00		955 40		4,179 60
77. Hygiene Building	9,600 00		163 90		9,436 10
	$345,790 00	$ 594 55	$12,958 79	$ 82,963 83	$416,389 59
VII. School of Hygiene:					
78. Salaries				$36,310 55	$36,310 55
79. Maintenance				1,764 87	1,764 87
				$38,075 42	$38,075 42

	Appropriation	Unused	Eaton, Rockefeller and Wallberg Funds	Total
VIII. Faculty of Applied Science:				
80. Salaries	$269,965 00	$7,226 86		$262,738 14
81. Electrical Engineering	3,100 00	172 67		2,927 33
82. Mechanical Engineering	2,700 00	772 72		1,927 28
83. Civil Engineering: Municipal and Structural	550 00	83 03	599 40	1,066 37

REVENUE EXPENDITURES, 1936-37—Continued

	Appropriation	Supplementary	Unused	Eaton, Rockefeller and Wallberg Funds	Total
84. Civil Engineering: Surveying and Geodesy	3,398 00	....	102 89	375 00	3,670 11
85. Mining Engineering	1,560 00	....	64 05	2,578 48	4,074 43
86. Metallurgical Engineering	425 00	....	30 44	661 33	1,055 89
87. Chemical Engineering and Applied Chemistry	6,500 00	....	247 58	3,403 83	9,656 25
88. School of Architecture	905 00	....	120 90	....	784 10
89. Engineering Drawing	400 00	13 03	....	....	413 03
90. Applied Physics	450 00	....	28 74	1.065 40	1,486 66
91. General Expenses	3,160 00	....	288 39	....	2,871 61
92. Photographic Service	8,200 00	....	229 31	....	7,970 69
93. Mining Building (including Mill Building)	10,100 00	1,556 44	....	....	11,656 44
94. Engineering Building	5,850 00	....	504 72	....	5,345 28
95. Electrical Building (including Mechanical Building and Wind Tunnel)	7,425 00	....	452 89	....	6,972 11
96. Geodetic Observatory Bldg.	475 00	....	118 92	....	356 08
	$325,163 00	$ 1,569 47	$ 10,444 11	$ 8,683 44	$324,971 80
IX. Faculty of Dentistry:					
97. Salaries	$85,217 00	....	$754 49	....	$84,462 51
97a. Post Graduate Courses	....	300 00	....	....	300 00
98. Laboratory and Infirmary Supplies, etc	23,000 00	....	2,643 79	....	20,356 21
99. General Expenses	2,250 00	3 39	....	....	2,253 39
100. Dental Building	13,600 00	....	1,236 37	....	12,363 63
	$124,067 00	$ 303 39	$ 4,634 65	....	$119,735 74
X. Faculty of Household Science:					
101. Salaries	$28,650 00	....	$ 532 30	....	$28,117 70
102. Household Science	3,175 00	....	416 81	....	2,758 19
103. Food Chemistry	1,900 00	....	142 57	....	1,757 43
104. General Expenses	2,000 00	....	98 09	....	1,901 91
105. Household Science Building	5,100 00	....	571 89	....	4,528 11
	$40,825 00	....	$ 1,761 66	....	$ 39,063 34
XI. Faculty of Forestry:					
106. Salaries	$22,730 00	....	$ 395 63	....	$22,334 37
107. Maintenance	2,250 00	....	378 17	....	1,871 83
108. Forestry Building	2,335 00	....	364 08	....	1,970 92
	$27,315 00	....	$1,137 88	....	$26,177 12

	Appropriation	Supplementary	Unused	Eaton, Rockefeller and Wallberg Funds	Total
XII. Faculty of Music:					
109. Salaries	$1,750 00	....	$ 3 15	....	$1,746 85
110. Maintenance	300 00	....	207 56	....	92 44
	$2,050 00	....	$210 71	....	$1,839 29
XIII. School of Graduate Studies:					
111. Salaries	$3,950 00	....	$ 51 30	....	$3,898 70
112. Maintenance	625 00	....	157 48	....	467 52
	$4,575 00	....	$208 78	....	$4,366 22

REVENUE EXPENDITURES, 1936-37—Continued

	Appropriation	Supplementary	Unused	Eaton, Rockfeller and Wallberg Funds	Total
XIV. School of Nursing:					
113. Salaries	$22,640 00			43,206 44	48,206 44
114. Special Teaching	4,700 00				
115. School Maintenance	1,400 00				
116. Residence Maintenance	11,000 00				
117. Contingency Fund	400 00				
118. Building–(No.7 Queen's Park)	5,300 00				
	($45,440 00)				
Proportion chargeable to Revenue	5,000 00			43,206 44	48,206 44
XV. Social Science:					
119. Salaries	$12,350 00	....	$ 15 13	....	$12,334 87
120. Maintenance	850 00	....	152 95	....	697 05
	$13,200 00	....	$168 08	....	$13,031 92
XVI.					
121. Examinations, etc	$20,500 00	....	$1,461 55	....	$19,038 45
XVII. University Extension and Publicity:					
122. Salaries	$18,200 00	....	$ 946 37	....	$17,253 63
123. Extension and Publicity Depts.	49,300 00	13,417 36	....	....	62,717 36
	$67,500 00	$ 13,417 36	$ 946 37	....	$79,970 99
XVIII. Men's Residences:					
124. Maintenance of Buildings	$16,190 00	....	$ 838 53	....	$15,351 47
XIX. Women's Residences and Union:					
125. Maintenance of Buildings	$ 9,925 00	....	$ 1,006 89	....	$ 8,918 11
126. Housekeeping Account	58,075 00	....	6,933 72	....	51,141 28
	$68,000 00	....	$ 7,940 61	....	$ 60,059 39
XX. 127. Central Power Plant	$ 149,500 00	....	$14,605 06	....	$ 134,894 94

	Appropriation	Supplementary	Unused	Total
XXI. Miscellaneous and General:				
128. Central Stores	$ 4,200 00	....	$ 284 20	$ 3,915 80
129. Grounds	19,300 00	....	154 65	19,145 35
130. Protective Service	17,200 00	....	906 28	16,293 72
131. Telephones	13,100 00	....	1,480 68	11,619 32
132. Insurance	20,000 00	....	142 89	19,857 11
133. Law Costs	1,000 00	....	476 46	523 54
134. Auditor's Fees	3,000 00	....	....	3,000 00
135. Travelling Expenses	3,200 00	....	705 70	2,494 30
136. Receptions to Societies and University Visitors	3,000 00	....	240 21	2,759 79
137. Convocation Expenses	600 00	31	....	600 31
138. Aid to Publications and Societies	4,100 00	....	632 94	3,467 06
139. Senate Elections	3,000 00	....	2,701 97	298 03
140. Bursaries	15,000 00	....	5,717 00	9,283 00
141. Contingencies	20,000 00	....	16,959 17	3,040 83
	$126,700 00	31	$30,402 15	$96,298 16

	Appropriation	Supplementary	Unused	Total
XXII. 142. Capital Account Charges	$119,653 00			$119,653 00
XXIII. 143. 144. Special Research (including Banting and Best)	$27,200 00		171 61	$27,028 39

RECAPITULATION

	Appropriation	Supplementary	Unused	Eaton, Rockefeller and Wallberg Funds	Total
I. Administration	$243,275 00	$50 52	$ 8,878 04		$234,447 48
II. Library	115,540 00	392 92	1,310 01		114,622 91
III. Royal Ontario Museum	73,367 00		44		73,366 56
IV. Athletics, Physical Training, Military Studies, etc.	52,785 00	294 01	3,254 73		49,824 28
V. Faculty of Arts	849,405 00	424 71	29,069 83		820,759 88
VI. Faculty of Medicine	345,790 00	594 55	12,958 79	$82,963 83	416,389 59
VII. School of Hygiene				38,075 42	38,075 42
VIII. Faculty of Applied Science	325,163 00	1,569 47	10,444 11	8,683 44	324,971 80
IX. Faculty of Dentistry	124,067 00	303 39	4,634 65		119,735 74
X. Faculty of Household Science	40,825 00		1,761 66		39,063 34
XI. Faculty of Forestry	27,315 00		1,137 88		26,177 12
XII. Faculty of Music	2,050 00		210 71		1,839 29
XIII. School of Graduate Studies	4,575 00		208 78		4,366 22
XIV. School of Nursing	5,000 00			43,206 44	48,206 44
XV. Social Science	13,200 00		168 08		13,031 92
XVI. Examinations,	20,500 00		1,461 55		19,038 45
XVII. University Extension and Publicity	67,500 00	13,417 36	946 37		79,970 99
XVIII. Men's Residences	16,190 00		838 53		15,351 47
XIX. Women's Residences and Union	68,000 00		7,940 61		60,059 39
XX. Central Power Plant	149,500 00		14,605 06		134,894 94
XXI. Miscellaneous and General	126,700 00	31	30,402 15		96,298 16
XXII. Capital Account Charges	119,653 00				119,653 00
XXIII. Special Research (including Banting and Best)	27,200 00		171 61		27,028 39
	$2,817,600 00	$ 17,047 24	$ 130,403 59 17,047 24	$ 172,929 13	$2,877,172 78
	113,356 35		113,356 35		
Charged to Revenue	2,704,243 65				
Charged to Eaton, Rockefeller and Wallberg Funds	172,929 13				
Total expenditure as above	$2,877,172 78				

I. ADMINISTRATION

1. Salaries

(All salaries, except where otherwise stated, are for 12 months to 30 June, 1937.
The figure following a minus sign after a salary indicates the reduction made in that salary in accordance with the schedule in force during the fiscal year 1936-37.)

President's Office

Hon. H. J. Cody, LL.D., President, $15,000 — $1.127.50	$13,872 50	
Miss A. W. Patterson, President's Secretary (paid also $246.85 as Secretary, Faculty of Music) $2,500 — $30.60	2,469 40	
		$16,341 90

Bursar' sOffice

F. A. Moure, Bursar, $6,500 — $152.50	$6.347 50	
Accounts Branch:		
C. E. Higginbottom, Accountant, $4,100 — $59.50	4,040 50	
J. A. Gair, Assistant, $2,000 — $22.50	1,977 50	
Miss E. Long, Appropriations Ledger Clerk, $1,600 — $17.50	1,582 50	
Miss R. Mahood, Assistant Appropriations Ledger Clerk, $1,050 — $10.63	1,039 37	
Clerks:		
Miss J. H. Branton, $1,350 — $14.38	1,335 62	
John Prince	1,000 00	
Miss E. Crookshanks	1,000 00	
Miss F. M. Quinlivan	800 00	
Miss V. Whitehead	800 00	
Fees Branch:		
Miss E. B. Goodwin, Chief Clerk, $2,000 — $22.50	1,977 50	
Gordon M. Grant, Cashier, $1,400 — $15	1,385 00	
Record Clerks:		
Mrs. Edith M. Hardy, $1,100 — $11.25	1,088 75	
Miss F. J. Rorke	850 00	
Secretarial Branch:		
Miss A. M. Gall, Chief Clerk, $2.050 — $23.25	2,026 75	
Miss M. Burns, Assistant, $1,600 — $17.50	1,582 50	
Miss M. Austin, Pensions Clerk, $1.550 — $16.88	1,533 12	
Miss H. Malone, Clerk, $1.050 — $10.63	1,039 37	
		$31,405 98

Registrar's Office

A. B. Fennell, Registrar, $5,000 — $77.50	$4,922 50	
A. T. Laidlaw, Assistant Registrar, $4,100 — $59.50	4,040 50	
Assistants:		
Miss A. MacGillivray, $1.900 — $21.25	1,878 75	
Miss E. Hargreaves, $1,900 — $21.25	1,878 75	
Miss I. E. Fraser, $1,200 — $12.50	1,187 50	
Graduates' Register:		
Clerks:		
Miss B. G. Van Allen, $1.400 — $15	1,385 00	
Miss M. F. Thompson, $1,400 — $15	1,385 00	
Miss Ruth D. Wythe	950 00	
Miss J. L. Stephens	900 00	
Miss Margaret E. Smith	750 00	
Clerks:		
Miss A. S. Meen, $1,650 — $18.12	1,631 88	
Miss M. M. Lavell, $1,050 — $10.63	1,039 37	
Miss E. M. Sharpe, Secretary to Registrar, $1.600 — $17.50	1,582 50	
Stenographers:		
Miss E. M. Fasken, $1,400 — $15	1,385 00	
Miss Dorothy Woods	900 00	
Wm. Calladine, Filing Clerk	750 00	
		$26,566 75

Superintendent's Office

A. D. LePan. Superintendent of Buildings and Grounds, $6,500 — $152.50	$6,347 50	
W. H. Bonus, Assistant Superintendent, $4,400 — $65.50	4.334 50	
Assistants:		
G. D. Maxwell. $3,400 — $45.50	3,354 50	
E. G. Moogk, $2.400 — $28.50	2,371 50	
J. Shortreed, $2,300 — $27	2,273 00	
W. L. D. Carnie, Chief Clerk. $2,300 — $27	2,273 00	
Miss M. D. Chisholm. Stenographer, $1,350 — $14.38	1.335 62	
Clerks:		
Miss A. K. Wynn, $1,350 — $14.38	1.335 62	
Miss E. Nicklin, $1,350 — $14.38	1,335 62	
Miss J. Taylor	1,000 00	
Miss R. E. Cannon	950 00	
Miss R. M. Rankin	900 00	
Miss M. E. Lee	850 00	
		$28,660 86

Miscellaneous

J. B. Bickersteth. Warden, Hart House (with living valued @ $675) $4,500 — $67.50	$4,432 50	
Leonard Smith, Bedel, also Attendant and Messenger. President's Office, $1,100 — $11.25	1,088 75	
		$5,521 25
		$108,496 74

2. PENSIONS AND RETIRING ALLOWANCES

University's contribution to Pension Funds for the year ending 30 June, 1937:			
Remitted to Teachers' Insurance and Annuity Association, New York. for credit of retiring allowances funded there (original contributory plan)		$30.872 30	
Credited to Fund No. 2 (Academic, formerly non-contributory plan)		32.000 00	
Credited to Fund No. 3 (Administrative and Clerical Employees)		26,533 12	
Sundry annual allowances (voted separately and not chargeable to above funds) paid as detailed below:			
Sir Robert Falconer ($10,000 less amount charged to Pension Fund No. 2)	$7,600 00		
J. T. Fotheringham	500 00		
A. Primrose. 6 mos. to 1 January — final payment	250 00		
H. H. Langton	400 00		
Mrs. A. C. Jones	600 00		
D. J. Clark	250 00		
Alex. Wilson	725 00		
Widow's allowances:			
Mrs. M. Hope Gillespie	900 00		
Mrs. Christian Lynn	375 00		
Mrs. Ellen L. Sinclair	350 00		
		11.950 00	
			$101.355 42

3. PRESIDENT'S OFFICE

Office supplies. postage, printing and incidentals:		
President H. J. Cody, sundry disbursements	$37 85	
Office Specialty Mfg. Co., transfer cases	18 10	
Postage	94 00	
Robbins & Townsend. typewriter inspection	6 00	
University Associates of Canada, encyclopedia	24 00	
University Press, printing and stationery	670 57	
		$850 52

4. BURSAR'S OFFICE

Office supplies, postage, printing and incidentals ($2,618.73):	
Bostitch Ltd., stapler and fasteners	$11 50
Burroughs Adding Machine Co., maintenance service	51 00
Bernard Cairns Ltd., stamps and pads	15 91
Grand & Toy, cheques	221 00
Might Directories Ltd., city directory	21 60

Office Specialty Mfg. Co., folders, stools, transfer cases, shelf, etc.	87 92	
Postage	550 00	
Robbins & Townsend, typewriter inspection	58 20	
Underwood-Elliott-Fisher Ltd., maintenance service and paper	41 20	
University Press, printing and stationery	1,278 82	
Accounts under $10 (4)	10 22	
The Bursar, disbursments:		
Meals for Staff — overtime work, $158.50; hire of car for office business for one year, $75; exchange on cheques and postal notes, $17.19; sundries, $8.36	259 05	
Superintendent's Dept., labour, $12.04; material, 27c	12 31	
Clerical assistance ($968.00):		
Miss M. E. Kelly, 24-2/3 weeks	296 00	
Mrs. I. McCormick, 37 weeks, 2 days	672 00	
Stamp taxes and bank service charges	1.197 27	
		$4,784 00

5. Registrar's Office

Stationery and office supplies ($1,163.06):		
Bickerton Multigraphing Co., mimeographing and paper	$115 02	
Grand & Toy, transfer cases	25 00	
Hyde's, subscriptions to daily papers	24 00	
Might Directories Ltd., city directory	21 60	
Mimeograph Co., ink and stencils	36 06	
Office Specialty Mfg. Co., cards, folders, etc.	178 00	
Robbins & Townsend, typewriter inspection	16 20	
E. G. Taylor, addressograph inspection	16 35	
Underwood-Elliott-Fisher Ltd., typewriter, $141.75, less allowance on old machine, $41.75, and repairs	101 00	
University Press, printing and stationery	569 60	
Accounts under $10 (8)	45 92	
Superintendent's Dept., freight, $1.77; labour, $11.27; material, $1.27	14 31	
Clerical assistance ($546.60):		
Miss J. E. G. Brown, 4 weeks	64 00	
Miss A. I. Firth, 2½ weeks	37 50	
Miss M. Fleury, 2 weeks	30 00	
A. F. B. Goggio, 3 weeks, 2 days	50 00	
F. A. Hare, 4 weeks	80 00	
Mrs. F. P. Lloyd, 87¾ hours	52 60	
K. M. McQuarrie, 4 weeks	60 00	
Miss J. E. Woods, 11½ weeks	172 50	
Postage	1,143 08	
University Press, printing Arts calendar, curricula, etc.	2,372 40	
	$5.225 14	
Less credits for clerical work, record cards, stencils, etc.	74 25	
		$5,150 89

6. Superintendent's Office

Office supplies, printing, postage and incidentals ($1.704.67):		
Brown Bros., ledger sheets and binder	$66 73	
Bernard Cairns Ltd., rubber stamps and repairs	12 57	
McMullin Publishers Ltd., tariff service	25 00	
Office Specialty Mfg. Co., folders and transfer cases	37 27	
Photographic Service, blue prints	39 89	
Postage	279 00	
Remington-Rand Ltd., typewriter, $127.58, less allowance on old machine, $35; Kardex cabinet and adding machine inspection	191 33	
Robbins & Townsend, typewriter inspection and carbon	95 60	
Superintendent's travelling expenses re inspection of Survey Camp	14 75	
University Press, printing and stationery	730 47	
Accounts under $10 (17)	70 89	
Sundry disbursements:		
Telegrams, etc., $37.51; car license, $12; sundries, $8.28	57 79	
Superintendent's Dept., freight, $2.64; labour, $7.95; material, $72.79	83 38	
Incidental expenses re work on buildings:		
Labour, $276.43; material, $30.21	306 64	
Drafting assistance:		
H. Stevenson, 47 weeks, 1½ days	1.075 46	

Clerical assistance ($482.01):			
Miss H. E. Bredin, 6 days		13 50	
Miss M. Lackie, 1 day		2 50	
Miss M. R. LeGrow, 11 weeks		148 50	
Miss M. Morris, 3 weeks, 1 day		42 76	
D. Sherwood, 1 days		2 25	
Miss M. G. Sonley, 18 weeks, 1 day		272 50	
		$3,568 78	
Less credit for Customs entry fees		61 90	
			$3,506 88

7. Convocation Hall and Simcoe Hall

Heat and light		$3,866 21	
Gas, $59.76; water, $67.45		127 21	
Caretaker's supplies:			
Superintendent's Dept., material		474 46	
Cleaning ($4,683.67):			
Advance Window Cleaning Co.		14 70	
Allen Mfg. Co., laundry		30 20	
Toronto Window Cleaning Co.		5 00	
Superintendent's Dept., labour		4.633 77	
Repairs and renewals ($1,960.54):			
T. Eaton Co., rug		69 00	
Parsons-Steiner Ltd., dishes		43 92	
Patterson & Heward, inscription plate		19 98	
Provincial Treasurer, public hall license		10 00	
Roberts & Sons, frames		16 00	
Routery Bros., plates		17 20	
Accounts under $10 (4)		12 33	
Superintendent's Dept., labour, $1,366 45; material, $405.66		1.772 11	
Acting Postmaster and Chief Messenger, H. R. Cheney, 12 mos., $1.350 — $14.38		1.335 62	
Messenger and Post Office service ($1,767.30):			
Miss M. Bradshaw, Clerk, 3 mos.		221 00	
Messengers @ $8.50 to $14 per week:			
J. Monkhouse, 52 weeks		644 00	
W. Sherman, 45½ weeks		387 01	
R. Wilson, 32 weeks, 1 day		310 34	
J. R. Wilson, 16½ weeks		140 25	
S. Brown, 14 days		19 86	
L. Smith, 2 days		2 84	
Carfares		42 00	
		$14.215 01	
Less heat and light charged to Central Power Plant	$3.866 21		
Credit for cleaning	145 77		
		4.011 98	
			$10,203 03

8. President's House

Repairs and Renewals:			
Superintendent's Dept., labour, $70.13; material, $29.87		$100 00	
			$100 00
			$234 447 48

II. LIBRARY

9 Salaries

W. S. Wallace, Librarian (paid also $346.50 in Ontario College of Education) $5,400 — $92.75	$5.307 25
Miss H. G. B. Woolryche, Assistant Librarian (paid also $50 in Ontario College of Education) $2.400 — $28.50	2.371 50
Miss A. H. Young, Reference Librarian, $2,000 — $22.50	1.977 50
Heads of Departments:	
Miss M. L. Newton (Circulation — paid also $25 in Ontario College of Education) $2,200 — $25.50	2.174 50
Miss E. V. Bethune (Cataloguing) $2,100 — $24	2,076 00
Miss A. M. Cordingley (Periodical — paid also $15 from University Press) $1.800 — $20	1.780 00

Assistants:		
Miss A. E. Stennett. $1.750 — $19.38	1,730 62	
Miss E. Creighton. $1,700 — $18.75	1,681 25	
Miss J. Jarvis, $1,650 — $18.12	1,631 88	
Miss E. Aldridge, $1.600 — $17.50	1,582 50	
Miss M. H. Skinner. $1.550 — $16.88	1,533 12	
Miss J. Rathbun. $1.500 — $16.25	1,483 75	
Miss D. Dignum, $1.400 — $15.00	1,385 00	
Miss A. Leonard. $1.400 — $15.00	1,385 00	
Miss I. Trowern, $1.400 — $15.00	1.385 00	
Miss M. L. Hewitt. $1.400 — $15.00	1.385 00	
Miss G. Williams. $1.350 — $14.38	1,335 62	
Miss V. A. Taylor. $1.300 — $13.75	1,286 25	
Miss K. Ball, $1.300 — $13.75	1,286 25	
Miss I. C. Hill. $1,300 — $13.75	1.286 25	
Miss Doris Shiell. $1.300 — $13.75	1.286 25	
Miss M. Robinson. $1.250 — $13.12	1.236 88	
Miss D. Tod. $1,250 — $13.12	1,236 88	
Miss Edith Cook. $1.250 — $13.12	1,236 88	
Miss K. Wales. $1,250 — $13.12	1,236 88	
Miss H. C. Wrightman. $1.200 — $12.50	1,187 50	
Miss Sheila Tisdall. $1.200 — $12.50	1.187 50	
Miss Ruth Haldenby. $1.200 — $12.50	1,187 50	
Miss Margaret Hall. $1.200 — $12.50	1,187 50	
Miss F. E. Bertram. $1.200 — $12.50	1,187 50	
Miss Joan Knowlton. $1.200 — $12.50	1,187 50	
Miss M. Buchan (part time)	500 00	
Assistants (incomplete year):		
At $1.300 per annum:		
Miss D. Harding. 7 mos. from 1 July, $758.33 — $8.02	750 31	
At $1.250 per annum:		
Miss P. Fraser, 9 mos. from 1 July, $937.50 — $9.84	927 66	
Miss E. Ashcroft, 1 month, $104.17 — $1.09	103 08	
Miss Edith L. Alexander, 11 mos. from 1 August, $1,145.83 — $12.03	1.133 80	
At $1.200 per annum:		
Miss D. Pringle. 3 mos. from 1 July. $300 — $3.12	296 88	
Miss J. MacBeth. 9 mos. from 1 October (paid also $157.50 as Occasional Assistant) $900 — $9.38	890 62	
Miss M. Thompson, 5 mos. from 1 February (paid also $391.94 as Occasional Assistant) $500 — $5.20	494 80	
James A. Patterson. Attendant (with rooms, heat and light valued at $420 as Caretaker of building — paid also $115 for night work) $1,150 — $11.88	1.138 12	
Wm. Glidden, Messenger, 33 weeks, 2 days, at $9 per week	300 00	
Stackmen:		
Arthur Taylor	720 00	
Stanley South	600 00	
		$57.278 28

10. LIBRARY MAINTENANCE

General Library Appropriation (Current Account):	
Books and periodicals ($33.445.67):	
Edw. G. Allen & Son	$4,217 01
Thos. Allen	114 08
American Chemical Society	68 73
American Dental Association	76 70
American Institute of Mining and Metallurgical Engineers	28 04
American Institute of Physics	33 96
American Journal of Physiology	27 15
American Library Association	106 03
American Medical Association	92 34
American Society for Metals	32 60
American Society for Testing Materials	91 22
D. Appleton Century Co.	57 19
Baker & Taylor Co.	1,844 41
Baker Voohis Co.	44 53
Bibliographical Society of America	53 04
B. H. Blackwell Co.	136 55
A. Bonnier Publishing Co.	164 86
R. R. Bowker	104 85

Braus-Riggenbach	67 07
Brick Row Book Shop	68 17
E. J. Brill Ltd.	96 65
F. A. Brockhaus	7,099 17
Burroughs & Co.	26 50
Butterworth & Co.	68 10
Cambridge University Press	143 60
Fred Harper Campbell	452 31
Canada Law Book	42 50
Carswell & Co.	148 40
Honore Champion	1.682 11
Clarke, Irwin & Co.	354 92
Copp, Clark Co.	29 66
Dawson Subscription Service	202 00
J. M. Dent & Sons	29 09
Doubleday, Doran & Gundy Ltd.	32 80
G. Ducharme	114 08
Engineering Index, Inc.	50 33
F. W. Faxon Co.	591 52
Gustav Fock	168 92
Gaulon & Fils	68 77
Gauthier-Villars et Cie.	61 52
Paul Geuthner	65 17
John Grant	41 28
Grolier Society Ltd.	120 00
E. A. Grove	26 33
Walter de Gruyter & Co.	103 24
Gurney & Jackson	45 88
Otto Harrassowitz	38 42
Hirschwaldsche Buchhandlung	150 62
Ulrico Hoepli	45 56
Johns Hopkins Press	60 54
International Books, Ltd.	117 10
International Labour Office	40 28
Journal Press	36 29
Henry Lamertin	38 26
Otto Lange	1,166 15
Library Association	39 72
Library of Congress	41 43
J. B. Lippincott Co.	38 94
B. Logan & Son	157 01
Longmans, Green & Co.	272 77
McAinsh & Co.	84 28
McGraw-Hill Book Co.	466 10
Geo. J. McLeod, Ltd.	55 12
MacMillan Co.	1.152 53
Modern Language Association of America	38 12
C. V. Mosby & Co.	36 40
Musson Book Co.	75 13
Thos. Nelson & Sons, Ltd.	259 62
New York Times Index	203 96
N. V. Martinus Nijhoff	384 44
A. Nizet & M. Bastard	382 79
Leo S. Olochi	41 79
Oxford University Press	130 12
Sir Isaac Pitman & Sons	43 57
Psychological Review Co.	28 32
Garcia Rico y Cie.	34 08
E. Robinson	75 50
Ryerson Press	185 85
S. J. R. Saunders	121 05
Leonard Scott Publishing Co.	25 68
Chas. Scribner's Sons	46 91
B. Seeber	57 35
Simpkin, Marshall Ltd.	1,565 25
Clarence O. Simpson	50 27
Society of Chemical Industry	27 11
G. E. Stechert & Co.	77 63
Superintendent of Documents, Washington	75 32
N. V. Swetz & Zeitlinger	977 32
Chas. C. Thomas	31 69
John Tiranti & Co.	110 69

Trans Canada Press		25 00	
Trustees, British Museum		76 23	
University Associates of Canada		107 25	
University Book Service		63 35	
University of Chicago Press		168 04	
University of London, Cortauld Institute		93 23	
Universum Book Export Co.		185 64	
West Publishing Co.		25 18	
John Wiley & Sons		229 43	
Williams & Wilkins Co.		143 01	
H. W. Wilson Co.		232 68	
Wistar Institute of Anatomy & Biology		108 15	
S. A. Nicola Zanichelli		66 37	
University Press		1.061 46	
Accounts under $25 (398)		2.480 19	
General Expenses ($11,689.71):			
Copeland-Chatterson Ltd., paper		35 75	
Library of Congress, cards		46 63	
Lowe-Martin Co., book packets and cards		396 66	
Office Specialty Mfg. Co., cabinets, files, trucks, etc.		622 68	
Photographic Service, rectigraphs		30 20	
Postage		477 63	
Remington, Rand, Ltd., typewriter, $133.65, less allowance on old machine, $33.65; cabinet, cards, etc.		468 25	
Robbins & Townsend, typewriter inspection		108 70	
L. C. Smith & Corona Typewriter Co., typewriters		227 30	
University Press, binding, printing and stationery		8,617 84	
Accounts under $25 (11)		104 19	
Superintendent's Dept., freight, $417.72; labour, $88.72; material, $47.44		553 88	
		$45,135 38	
Less sale of duplicates, $40.50; replacement of books lost by departments, $124.57		165 07	
		$44,970 31	
Of which charged to sundry funds as follows:			
Carnegie Library, University College	$605 54		
Dental, Harry R. Abbott	477 32		
John Squair Fund No. 2	110 68		
King Alfred Millenary	512 88		
Phillips Stewart Bequest	64 06		
Psychology Fund	62 46		
		1.832 94	
		$43.137 37	
Transactions by Librarian:			
Balance in his hands, 1 July, 1933, $73.66; credited from fines, $693.70; replacement of books lost, $107.75; graduates, deposits, $873.84	$1.748 95		
Deposits refunded, $561.50; miscellaneous, $5.43; left in Librarian's hands to be accounted for, $169.68	736 61		
	$1.012 34		
Transferred to Trust Funds (Schedule 3) balance of graduates' deposits	312 34		
Credited to this account		700 00	
			$42.437 37
Assistance:			
At $80 per month:			
Miss F. English, 12 mos.		$960 00	
Miss K. Fisher, 9 mos.		720 00	
Miss J. Keys, 6½ mos.		520 00	
Miss J. Tenor, 5 mos., 28 days		472 25	
At $60 to $75 per month:			
Miss E. Fleury, 10 mos., 29 days		740 81	
Miss B. Heighington, 5 mos., 44 days		649 40	
Miss M. Slater, 8 mos., 13 days		610 43	
Miss E. Wilson, 7 mos., 21 days		576 22	
Miss Sheila Bell, 7 mos., 10 days		546 95	

Miss M. Rose, 7 mos., 10 days		546 95	
Miss J. Arnold, 7 mos., 3 days		425 80	
Miss M. Thompson, 5 mos., 7 days		391 94	
Miss E. Wagner, 4 mos., 18 days		328 72	
Miss E. Killam, 4 mos., 10 days		324 20	
Miss H. Bailie, 3 mos., 11 days		254 12	
Miss G. Gedeonoff, 3 mos., 2 days		214 52	
Miss J. McBeth, 2 mos., 3 days		157 50	
Miss R. Skinner, 31 days		60 20	
Miss M. Oxford, 1 month		60 00	
Miss E. Baker, 2 weeks		34 00	
Miss B. Caldwell, 2 weeks		34 00	
A. Custance, 4 days		7 70	
Miss M. Sclater, 2 days		3 87	
At $35 to $50 per month:			
Miss M. Clarke, 10 mos., 23 days		537 10	
Miss M. Clarkson, 2 mos.		100 00	
Miss M. Gibbons, 1½ mos., 25 hours		70 68	
Miss E. Kelly, 1 month, 15 days		51 93	
At 25c to 75c per hour:			
Wm. Prest, 280 hours		70 00	
Miss A. Carscallen, 76 hours		38 00	
Miss E. Slimming, 76 hours		38 00	
Miss S. Young, 52 hours		26 00	
Miss D. Troyer, 51 hours		25 50	
Miss E. Gordon, 96 hours		24 00	
		$9,620 79	
Less credits		510 46	
$9,110.33 charged as follows:			
Occasional assistance, including opening Library in evenings			6,410 53
Special grant for re-classification			2,699 80
Alterations and fixtures ($1,045.22):			
Office Specialty Mfg. Co., steel shelving		$708 00	
Superintendent's Dept., labour, $72.52; material, $264.70		337 22	
			1,045 22
			$52,592 92

11. Library Building

Heat and light		$2,740 28	
Gas, $54.48; water, $97.88		152 36	
Caretaker's supplies			
Superintendent's Dept., material		375 25	
Cleaning ($2,070.18):			
Advance Window Cleaning		42 14	
Allen Mfg. Co., laundry		14 64	
Superintendent's Dept., labour		2,013 40	
Repairs and renewals ($2,163.17):			
Johnson Temperature Regulating System, heating system repairs		27 53	
Otis-Fensom Elevator Co., repairs		101 00	
Routery Bros., plaster repairs		68 00	
Robt. Simpson Co., linoleum repairs		16 50	
Accounts under $10 (3)		12 47	
Superintendent's Dept., labour, $1,298.74; material, $638.93		1,937 67	
Caretaker, with living quarters valued at $420 (paid from salaries as Library Attendant)		....	
		$7,501 24	
Less heat and light charged to Central Power Plant	$2,740 28		
Sundry credits	9 25		
		2,749 53	
			$4,751 71
			$114,622 91

III. 12. ROYAL ONTARIO MUSEUM

University's share of maintenance advanced to the Trustees of the Royal Ontario Museum under R. S. O. 1927, cap. 343	$73,366 56

IV. ATHLETICS, PHYSICAL TRAINING, MILITARY STUDIES, ETC.

13. Athletics and Physical Training — Men

(a) Salaries:		
T. A. Reed, Secretary, Athletic Directorate, $5.500 — $90	$5,410 00	
Gymnasium Instructors:		
W. H. Martin, also Supervisor of Compulsory Physical Training, 10 mos., $2,700 — $33	2,667 00	
J. E. McCutcheon, also Supervisor of Interfaculty Activities, 10 mos., $2.600 — $31.50	2,568 50	
C. Zwygard, 6 mos.	1.000 00	
W. W. Winterburn, Swimming Instructor, 10 mos., $2.600 — $31.50	2.568 50	
Part-time Instructors (Sessional):		
H. Phillips, Gymnasium and Indoor Track	400 00	
L. W. Black, honoraria	225 00	
C. Chilcott, honoraria	225 00	
M. Glionna, honoraria	200 00	
T. Matsumoto, honoraria	25 00	
Locker Attendants:		
W. Rimmer, Chief Locker and Attendance Clerk, $2,000 — $22.50	1,977 50	
C. Carruthers, 8½ mos.	850 00	
D. W. Robertson, 7 mos.	455 00	
G. Keach, 33 weeks @ $15	495 00	
Marcus Long, 26 weeks @ $15	390 00	
Clerical Assistant:		
Mrs. B. A. L'Aventure, 4 mos. to 31 Dec. @ $75	300 00	
Miss K. Boyd, 1 month @ $50, 6 mos. from 1 Jan. @ $75	500 00	
	$20.256 50	
Less Secretary's salary charged to Athletic Association	5.410 00	
		$14,846 50
(b) Maintenance of Department:		
Attendance records, card system ($109.68):		
D. Gestetner, Ltd., share of duplicating machine, $50 (balance paid by Athletic Association); sentcils, etc.	$62 08	
University Press, printing and stationery	37 13	
Accounts under $10 (2)	10 47	
Gymnastic appliances and repairs to equipment (750):		
American Tent & Awning Co., repairing mat covers	21 90	
Gurney Scale Co., scales	52 00	
Hart House, one half cost of painting lines on gymnasium floor	14 02	
Harold B. Kennedy, baseketballs	28 00	
Scythes & Co., boxing ring mat, etc.	149 95	
Wm. Small, repairing gymnasium mats	14 40	
Toronto Radio & Sports Co., boxing and fencing gloves, balls, bats, etc.	151 40	
John T. Walters, repairs to fencing equipment	11 75	
Harold A. Wilson, balls, nets, fencing equipment, etc.	249 89	
Accounts under $10 (2)	7 16	
Superintendent's Dept., labour, $37.65; material, $11.88	49 53	
		859 68
		$15,706 18

14. Athletics and Physical Training — Women

(a) Salaries:	
Miss I. G. Coventry, Physical Director, $2.000 — $22.50	$1,977 50
Miss J. M. Forster, Assistant Physical Director, 8 mos., (paid also $200 for Extension Work) $1,300 — $13.75	1,286 25
Instructors in Swimming:	
Miss A. Cochrane, 7 mos. (paid also $200 for Extension Work) $1.200 — $12.50	1,187 50
A. L. Cochrane, Assistant, 7 mos.	300 00

Mrs. Margaret Graham, Clerical and Gymnasium Assistant, 8 mos. (paid also $50 in Diploma Course; $222.50 as Pianist; $137 in Ontario College of Education, and $25 for Extension Work)	300 00	
Miss A. E. M. Parkes, Secretary-Treasurer, Women's Athletic Directorate (Sessional — paid also $901.60 by Students' Administrative Council) $350 — $4.15	345 85	
		$5,397 10
(b) Maintenance of Department:		
Sundry expenses ($439.84):		
A. B. C. Cleaners, making fencing jackets	$24 00	
Allen Mfg. Co., laundry	29 24	
Miss I. G. Coventry, piano rental	42 00	
Mrs. Margaret Graham, pianist, 222½ hours	222 50	
Mrs. A. Mawson, laundry	1 00	
Harold A. Wilson, balls, foils, masks, etc	29 39	
University Press, printing and stationery	26 81	
Superintendent's Dept., labour, $1.90; material, $63	64 90	
Janitor service at night classes, A. J. Maycock	56 25	
	$496 09	
Less credit for towel service at swimming pool	70 60	
		425 49
(c) Course for Diploma in Physical Education:		
Honoraria to Instructors:		
Dr. H. D. Ball, Anatomy (see also Anatomy)	$150 00	
Miss K. McMurrich, Anatomy and Kinesiology (see also Anatomy)	150 00	
D. Y. Solandt, Physiology (see also Physiology)	100 00	
Mrs. Margaret Graham, Music and Rhythm (see also above)	50 00	
Mrs. F. Leslie Jones, Voice Training	30 00	
		480 00
		$6,302 59

15. HEALTH SERVICE — MEN

(a) Salaries:		
G. D. Porter, Director, $5,250 — $83.75	$5,166 25	
J. M. Thomas, Office Assistant, 8 mos	1,000 00	
		$6,166 25
(b) Maintenance of Department:		
Examining Physians, etc. ($1,140):		
Noble Black	$100 00	
A. H. W. Caufield	10 00	
T. A. Crowther	100 00	
C. B. Farrar	100 00	
Frank Hassard	100 00	
Ross Jamieson	10 00	
A. G. McPhedran	200 00	
S. J. Magwood	100 00	
John Oille	10 00	
Frank Park	100 00	
D. E. Robertson	10 00	
W. E. L. Sparks	100 00	
Addison Taylor	100 00	
G. Wright Young	100 00	
Surgical Assistance and Equipment:		
University of Toronto Athletic Association, university's share of medical services	400 00	
Medical and office supplies and printing, including X-Ray examinations ($215.16):		
J. F. Hartz, medical supplies	95 22	
Toronto General Hospital, X-Rays	33 60	
Toronto Western Hospital, X-Rays	40 00	
University Press, printing and stationery	22 15	
Accounts under $10 (3)	21 94	
Superintendent's Dept., labour, $1.20; material, $1.05	2 25	
		1,755 16
		$7,921 41

16. HEALTH SERVICE — WOMEN

(a) Salaries:		
Dr. Edith H. Gordon, Medical Adviser (paid also $49 for Extension Work) $3,400 — $45.50	$3,354 50	
Miss M. Jackes, Office Assistant, 8 mos., $1,100 — $11.25	1,088 75	
		$4,443 25
(b) Maintenance of Department:		
Expenses of Medical Office and examining room, including consultants, X-Ray, etc.:		
Allen Mfg. Co., laundry	$17 54	
T. Eaton Co., shades	12 19	
Ingram & Bell, medical supplies	90 12	
Women's College Hospital, X-Rays	13 00	
University Press, printing and stationery	42 86	
Accounts under $10 (6)	20 42	
		196 13
		$4,639 38

17. MILITARY STUDIES

(a) Salaries:		
Brig.-Gen. G. S. Cartwright, Director, $2,500 — $30 (retired 30 June)	$2,470 00	
W. A. Baughurst, Assistant, 10 mos.	980 00	
		$3,450 00
(b) Maintenance of Department:		
Office and general expenses:		
Roneo Co., stencils and paper	15 84	
University Press, printing and stationery	23 86	
Accounts under $10 (5)	18 42	
Superintendent's Dept., labour, $8.93; material, $4.38	13 31	
		71 43
		$3,521 43

18. HART HOUSE — SHARE OF MAINTENANCE

Heat and light	$17,698 66	
Cleanings, etc., of Gymnasium Wing:		
Comptroller, Hart House	4,000 00	
Repairs and renewals ($5,794.01):		
City Treasurer, elevator licenses	15 00	
New York Window Cleaning Co.	3 50	
Rountery Bros., plaster repairs	190 90	
Superintendent's Dept., labour, $4,134.36; material, $1,450.25	5,584 61	
	$27,492 67	
Less heat and light charged to Central Power Plant	17,698 66	
		$9,794 01

19. WOMEN'S BUILDING — 44 HOSKIN AVENUE

Maintenance:		
Fuel ($215.89):		
Central Coal Co.	$214 14	
Superintendent's Dept., labour, $1.25; material, 50c.	1 75	
Gas, $12.24; electric current, $58.97; water, $8.72	79 93	
Caretaker's supplies:		
Superintendent's Dept., material	20 33	
Cleaning and furnaceman ($343.17):		
Accounts under $10 (2)	9 73	
Superintendent's Dept., labour	333 44	
Repairs and renewals:		
Superintendent's Dept., labour, $43.66; material, $8.22	51 88	
		$711 20

20. MILITARY STUDIES BUILDING

Maintenance:		
Light	$130 00	
Fuel ($445.57):		
Central Coal Co.	444 48	
Superintendent's Dept., labour	1 09	
Gas, $17.20; water, $15.55	32 75	
Caretaker's supplies:		
Superintendent's Dept., material	48 64	
Cleaning ($304.01):		
New York Window Cleaning Co.	4 00	
Superintendent's Dept., labour	300 01	

Repairs and renewals ($397.11):		
Art Window Shade Co., shades	4 95	
Superintendent's Dept., labour, $331.45; material, $60.71	392 16	
	$1,358 08	
Less light charged to Central Power Plant	130 00	
		$1,228 08
		$49,824 28

V. FACULTY OF ARTS

21. Salaries

(1) Departments in University of Toronto ($566,077.01)

Dean's Office

S. Beatty, Dean (paid also $5,371 as Professor and $490 for Extension Work) $1,000 — $23.50	$976 50	
		$976 50

Mathematics

Professors:		
S. Beatty (see also above) $5,500 — $129	$5,371 00	
I. R. Pounder (paid also $460 for Extension Work and $10 re Senate Elections) $4,500 — $67.50	4,432 50	
Associate Professors:		
W. J. Webber, $4.000 — $57.50	3,942 50	
N. E. Sheppard, $3,800 — $53.50	3,746 50	
Assistant Professors:		
D. A. F. Robinson (paid also $490 for Extension Work) $3,350 — $44.50	3,305 50	
J. D. Burk, $2,600 — $31.50	2,568 50	
G. deB. Robinson (paid also $300 for Extension Work) $2.600 — $31.50	2,568 50	
Richard Brauer, $2,600 — $31.50	2,568 50	
H. S. M. Coxeter, $2.600 — $31.50	2,568 50	
Lecturers (Sessional):		
Miss C. Krieger, $2.050 — $23.25	2.026 75	
Miss M. E. G. Waddell, $1.950 — $21.88	1.928 12	
Fellows (Sessional):		
F. M. C. Goodspeed	700 00	
W. L. Halperin	700 00	
S. A. Jennings	700 00	
J. Maurice Kingston	700 00	
J. Carson Mark	700 00	
D. C. Murdoch	700 00	
C. J. Nesbitt	700 00	
Henry C. Unruh	700 00	
		$40,626 87

Applied Mathematics

J. L. Synge, Professor, $6,000 — $102.50	$5,897 50	
A. F. C. Stevenson, Associate Professor, $3,600 — $49.50	3,550 50	
B. A. Griffith, Lecturer (Sessional) $1,950 — $21.88	1,928 12	
Fellows (Sessional):		
George E. Hay	700 00	
W. D. Rannie	700 00	
		$12,776 12

Physics

Professors:		
E. F. Burton, also Director of Laboratory, $5,500 — $90	$5,410 00	
J. Satterly (paid also $560 for Extension Work) $5,000 — $77.50	4,922 50	
L. Gilchrist, $4.350 — $64.50	4,285 50	
H. A. McTaggart, Associate Professor, $4,200 — $61.50	4,138 50	
Assistant Professors:		
D. S. Ainslie, $3,100 — $39.50	3,060 50	
H. J. C. Ireton, $3.100 — $39.50	3,060 50	
H. Grayson Smith, $3,000 — $37.50	2,962 50	
C. Barnes, $2,600 — $31.50	2,568 50	
Lecturers (Sessional):		
J. O. Wilhelm, $2.800 — $34.50	2,765 50	
M. F. Crawford, $2,400 — $28.50	2,371 50	

Lecturers and Demonstrators (Sessional):			
A. Pitt, $2,250 — $26.25		2.223 75	
Miss E. J. Allin, $2.000 — $22.50		1.977 50	
Miss F. M. Quinlan (paid also $31.40 for laboratory assistance and 50c for Extension Work) $1.500 — $16.25		1.483 75	
Special Lecturers (Sessional):			
A. B. McLay		300 00	
W. H. Kohl		200 00	
W. E. Jackson	without salary	....	
W. E. K. Middleton		....	
J. Patterson		....	
Andrew Thomson		....	
Bernard Haurwitz, Carnegie Fellow (paid $2,400 from Special Fund)		....	
Demonstrators (Sessional):			
Miss K. M. Crossley, $1,500 — $16.25		1,483 75	
A. Brant		1.000 00	
Sydney Bateson		800 00	
G. F. Clark (paid also $200 for Extension Work)		800 00	
R. Richmond		800 00	
H. L. Welsh		800 00	
Miss M. Annetts (Michaelmas Term)		700 00	
Assistant Demonstrators (Sessional):			
E. Bromberg		500 00	
A. R. Clark		500 00	
Miss A. M. Crutcher		500 00	
H. E. Johns		500 00	
G. W. C. Tait		500 00	
A. H. Woodcock		500 00	
A. F. Chisholm. Special Demonstrator (Sessional — without salary)		....	
Class Assistants (Sessional):			
Miss E. Cohen		50 00	
Miss M. McKinley		50 00	
J. Hillier		50 00	
D. B. Scott		50 00	
Miss A. T. Reed, Secretary and Class Assistant, $2.000 — $22.50		1.977 50	
Miss B. M. Savage, Clerical Assistant, $1.500 — $16.25		1.483 75	
B. Clark, Mechanician, $2,100 — $24		2.076 00	
Assistant Mechanicians:			
J. Anderson, $1,900 — $21.25		1.878 75	
J. Ward, $1,900 — $21.25		1.878 75	
G. T. Woodward, $1,900 — $21.25		1.878 75	
F. M. Shepherd, 17 Sept. to 30 June @ $125 per month. $1,183.33 — $12.83		1.170 50	
Albert Owen, 10 mos. from 1 Sept. (paid also $177.34 as Laboratory Assistant and $20 for Extension Work)		800 00	
R. H. Chappell, Glass-blower, $2,600 — $31.50		2,568 50	
P. Blackman, Laboratory and Lecture Assistant, $1,600 — 17.50		1.582 50	
			$68.609 25

Astronomy

R. K. Young, Professor, also Director of David Dunlap Observatory. $4,500 — $67.50	$4.432 50	
F. S. Hogg, Assistant Professor (paid also $212 for Extension Work) $2.700 — $33	2,667 00	
Lecturers (Sessional):		
P. M. Millman (paid also $300 for Extension Work) $1,900 — $21.25	1.878 75	
J. F. Heard (paid also $200 for Extension Work) $1.650 — $18.12	1.631 88	
Computers:		
Miss R. J. Northcott, $1,100 — $11.25	1.088 75	
Miss F. S. Patterson (paid also $100 for Extension Work)	800 00	
Mrs. Helen S. Hogg, Research Assistant, 8 mos	300 00	
D. A. McRae, Summer Assistant, 3 mos	225 00	
Miss E. M. Fuller, Secretary and Librarian, $1.100 — $11.25	1.088 75	
Gerald F. Longworth, Night Assistant and Machinist, $1,200 — $12.50	1.187 50	
		$15.300 13

Geology

Professors:		
E. S. Moore, Economic Geology (paid also $100 for Summer Field Work) $5.500 — $90	$5.410 00	
A. MacLean (paid also $300 for Extension Work) $4.200 — $61.50	4.138 50	

Lecturers (Sessional):		
J. Satterly, $1.800 — $20	1.780 00	
Dr. Madeleine A. Fritz (part time — paid also in Royal Ontario Museum) $750 — $7.50	742 50	
V. J. Okulitch, Instructor (Sessional) $1,500 — $16.25	1,483 75	
Class Assistants (Sessional):		
J. E. Armstrong	250 00	
M. W. Bartley	250 00	
P. A. Chubb	250 00	
A. T. Griffis	250 00	
H. C. Lane	250 00	
V. K. Prest	250 00	
Bruce Russell (resigned 1 Dec)	62 50	
Douglas Monteith, Laboratory Attendant, 9 mos	675 00	
		$15.792 25

Mineralogy

Professors:		
T. L. Walker, also Director of Laboratory (on leave of absence) $6,000 — $102.50 (resigned 30 June)	$5.897 50	
A. L. Parsons, $4,500 — $67.50	4,432 50	
J. Ellis Thomson (paid also $170 for Extension Work) $4,000 — $57.50	3.942 50	
Assistants (Sessional):		
V. B. Meen (part time — paid also in Royal Ontario Museum; and $160 for Extension Work)	1,000 00	
J. M. Baker (resigned 15 Jan.)	218 75	
R. C. Carlisle	500 00	
W. L. Brown, Demonstrator, 2 mos	125 00	
Wm. Wightman, Laboratory Attendant, 8 mos	800 00	
		$16.916 25

Chemistry

Professors:		
W. Lash Miller, Physical Chemistry, $6.500 — $152.50 (retired 30 June)	$6,347 50	
F. B. Kenrick, $5,500 — $90	5,410 00	
Associate Professors:		
J. B. Ferguson. $4,400 — $65.50	4,334 50	
J. T. Burt-Gerrans, $4,400 — $65.50	4,334 50	
L. J. Rogers, $4,400 — $65.50	4,334 50	
W. S. Funnell, $4,200 — $61.50	4.138 50	
W. H. Martin, $4.200 — $61.50	4,138 50	
A. R. Gordon, $4.000 — $57.50	3,942 50	
F. R. Lorriman, $3,600 — $49.50	3,550 50	
F. E. Beamish, Assistant Professor (paid also $420 for Extension Work) $2,700 — $33	2,667 00	
Lecturers (Sessional):		
Dr. Helen Stantial, Micro-Analysis. $2.500 — $30	2.470 00	
F. E. W. Wetmore, $2,000 — $22.50	1.977 50	
Assistants (Sessional):		
Miss E. V. Eastcott. $1,800 — $20	1,780 00	
L. H. Cragg (paid also $200 for Extension Work)	799 00	
Allan Janis	799 00	
L. F. King	799 00	
D. J. LeRoy	799 00	
M. Wayman	725 00	
H. J. Bernstein	724 00	
M. Cohen	724 00	
R. N. Meals	724 00	
J. J. Russell (paid also $150 for Extension Work — resigned 30 April)	633 50	
Miss Margaret Scott	724 00	
C. C. Unruh (resigned 31 Jan.)	362 00	
G. W. Graham, 4 mos	320 00	
F. J. Webb	724 00	
G. M. Chute (resigned 31 Dec.)	243 75	
L. D. Finlayson	650 00	
E. C. Forbes	650 00	
S. Shankman	650 00	
D. L. Turner	650 00	
G. A. Stewart, 5 mos	400 00	
C. Marchant } paid also $475 each from Special Fund	324 00	
Miss C. J. Sanderson	324 00	

P. P. Paisley, 1 month	75 00	
Miss J. C. Romeyn (paid $30 from Special Fund)	....	
Miss L. Elder (paid $25 from Special Fund)	....	
Demonstrators, Electro-Chemistry (Sessional):		
A. H. Heatley, $2,000 — $22.50	1,977 50	
R. S. Soanes	824 00	
W. A. James	750 00	
Laboratory Assistants:		
R. Fortescue (with rooms, heat and light valued at $420 as caretaker of building) $1,150 — $11.88	1,138 12	
W. Banton (paid also $40 for Extension Work) $1,400; Lecture Assistant, $200; $1,600 — $17.50	1,582 50	
Laboratory Attendants @ $11 to $14 per week:		
H. Renwick, 52 weeks, 1 day	703 67	
Harold Davis, 41½ weeks	456 50	
A. K. Kaellgren, 40½ weeks	445 50	
F. H. Twigg, 153½ hours @ 42c	64 47	
		$70.191 01

Biology

Professors:	
E. M. Walker, Invertebrate Zoology, $5.500 — $90	$5.410 00
W. H. Piersol, Histology and Embryology, @ $5,100, of which half charged to Anatomy, $2.550 — $40	2,510 00
Laurence Irving, Experimental Biology, $4.500 — $67.50 (resigned 30 June)	4.432 50
A. G. Huntsman, Marine Biology (without salary)	....
Associate Professors:	
A. F. Coventry, Vertebrate Embryology, $3.950 — $56.50	3.893 50
J. R. Dymond, Systematic Zoology, $3.950 — $56.50	3.893 50
W. H. T. Baillie, Mammalian Anatomy, $3.950 — $56.50	3.893 50
J. W. MacArthur, Genetics, $3.950 — $56.50	3.893 50
E. H. Craigie, Comparative Anatomy and Neurology, $3.600 — $49.50	3.550 50
Assistant Professors:	
W. J. K. Harkness, Limnobiology, $3,450 — $46.50	3.403 50
Dr. Norma H. C. Ford, Human Biology, $3.000 — $37.50	2.962 50
F. P. Ide, Lecturer (paid also $420 for Extension Work) $1.800 — $20	1.780 00
Demonstrators (Sessional):	
C. H. D. Clarke (paid also $125 in Hygiene)	900 00
Miss J. Fraser	900 00
R. R. Langford (paid also $600 in Special Research) $900 — $16.25	883 75
E. C. Black	800 00
Assistants (Sessional):	
Miss V. Engelbert	450 00
Miss J. F. L. Hart	450 00
H. Rogers	400 00
J. V. McCutcheon	375 00
G. F. M. Smith	375 00
Miss R. D. C. Martin	350 00
P. Elson (paid also $200 in Special Research)	250 00
Dr. Kathleen M. Bartley	200 00
W. B. Stallworthy	150 00
C. C. Brown	150 00
E. A. Cummings	150 00
J. P. Fleming	150 00
C. I. Junkin	150 00
Miss Frances Harkness	140 00
K. H. Doan	80 00
M. Speirs (paid also $300 in Special Research)	50 00
W. R. Martin	45 00
V. E. Solman	45 00
Miss K. M. Robertson (without salary)	....
Technical Assistants:	
A. Quantrill, 11 mos., $1,100 — $11.25	1.088 75
Thos. Stovell, 12 mos	850 00
Miss A. H. Bell, 9 Mos. (paid also in Royal Ontario Museum)	650 00
Miss M. Sewell, 9 mos. (half time)	360 00
S. Clare, 4 mos	200 00
E. C. Cross, Museum Assistant (paid also in Royal Ontario Museum) $1.650 — $18.12	1.631 88
W. J. LeRay, Curator of Vivarium, $1.650 — $18.12	1.631 88
D. G. LeRay, Assistant in Vivarium (paid also $270 in Special Research)	250 00

A. Wilson, Laboratory Assistant	900 00	
Wm. Smith, Laboratory Attendant	550 00	
Secretarial Assistants:		
Miss H. McCaul (paid also $16 in Geology) $1,100 — $11.25	1,088 75	
Miss M. F. Jarvis, 9 mos.	675 00	
Miss Phyllis Foreman, Stenographer and Librarian	1,000 00	
		$57,943 01

Botany

Professors:		
R. B. Thomson, Plant Morphology, $5,500 — $90	$5,410 00	
H. S. Jackson, Mycology, $5,200 — $82.50	5,117 50	
Associate Professors:		
D. L. Bailey, Plant Pathology (2/3rds time) $3,000 — $37.50	2,962 50	
G. H. Duff, Plant Physiology ($4,000 — $57.50	3,942 50	
H. B. Sifton, Plant Morphology and OEcology, $4,000 — $57.50	3,942 50	
Assistant Professors:		
Dr. J. Gertrude Wright, $3,000 — $37.50	2,962 50	
T. M. C. Taylor (paid also $468 for Extension Work) $2,700 — $33	2,657 00	
E. C. Beck, Lecturer, 4 mos. to 31 Oct. @ $2,000 per annum (resigned) $666.67 — $7.50	659 17	
W. R. Haddow, Special Lecturer (Sessional — without salary)	....	
A. J. V. Lehmann, Senior Demonstrator (paid also $220.50 in Special Research) $1,500 — $16.62	1,483 38	
Class Assistants (Sessional):		
A. N. Langford (paid also $117 in Special Research) $1,000—$10.75	989 25	
W. K. W. Baldwin (paid also $150 in Special Research)	525 00	
M. W. Bannan (paid also $57 in Special Research)	525 00	
Miss D. F. Forward (paid also $92 in Special Research)	525 00	
D. H. Hamly (paid also $346.40 in Applied Physics and $378.60 in Special Research) $525 — $5.50	519 50	
D. C. McPherson (paid also $177 in Special Research)	525 00	
D. F. Putnam (paid also $72 in Special Research)	525 00	
Miss A. B. Brodie (paid also $117 in Special Research)	500 00	
S. T. B. Losee (paid also $30 in Special Research)	500 00	
L. O. Weaver (paid also $180 in Special Research — resigned 31 March)	375 00	
P. G. Newell (paid also $50 for Extension Work)	450 00	
B. B. Hillary (paid also $37 in Special Research)	400 00	
Miss E. M. Parr (paid also $42 in Special Research)	400 00	
A. J. Skolko (paid also $57 in Special Research)	400 00	
C. N. Haldenby (paid also $137 in Special Research and $50 for Extension Work)	350 00	
N. W. Radforth (paid also $152 in Special Research and $50 for Extension Work)	350 00	
S. A. Simmons (paid also $57 in Special Research and $50 for Extension Work)	350 00	
Miss R. P. Biggs (paid also $177 in Special Research and $400 as Technical Assistant — see below)	150 00	
Technical Assistants:		
Miss M. B. Givens, $1,800 — $20	1,780 00	
Miss C. B. Ross, $1,400 — $15	1,385 00	
R. F. Cain, $1,400 — $15	1,385 00	
Miss R. P. Biggs (see also above)	400 00	
A. Simpson, Horticulturist (with living quarters valued @ $360) $2,200 — $25.50	2,174 50	
L. Van Cleemput, Gardener, $1,450 — $15.62	1,434 38	
J. Van Beek, Assistant Gardener, $1,400 — $15	1,385 00	
Clerical Assistants:		
Miss L. Alward, $1,400 — $15	1,385 00	
Mrs. M. A. Lent, 1½ mos. to 15 Aug. @ $1,400 per annum, $175 — $1.88, $173.12; 148½ hrs. @ 70c. $104	277 12	
Miss Hilda Lent, 17 weeks, 4 days, @ $21 per week; 6 mos. from 1 Jan. @ $1,100 per annum	921 00	
Dr. Kathleen L. Hull, Librarian, $1,200 — $12.50	1,187 50	
P. Krotkov, Herbarium Assistant, $1,800 — $20	1,780 00	
Laboratory Attendants:		
R. Lynn, $1,100 — $11.25	1,088 75	
S. G. Smith	1,000 00	
G. M. Proudfoot (resigned 30 Nov.)	375 00	
D. S. Hull, 1,296½ hrs. @ 40c.	518 60	
		$55,982 65

History

Professors:		
Chester Martin (paid also $11 from University Press) $5,500 — $90	$5,410 00	
R. Flenley (paid also $198 for Extension Work and $1.00 from University Press) $4,700 — $71.50	4,628 50	
F. H. Underhill (paid also $294 for Extension Work and $2.00 from University Press) $4,700 — $71.50	4,628 50	
G. W. Brown (paid also $304 for Extension Work and $500 from University Press) $4,500 — $67.50	4,432 50	
Assistant Professors:		
G. deT. Glazebrook (paid also $464 for Extension Work and $6.75 from University Press) $3,450 — $46.50	3,403 50	
D. G. Creighton (paid also $562 for Extension Work) $2,700 — $33	2,667 00	
Edgar McInnis (paid also $754 for Extension Work and $12.50 from University Press) $2,600 — $31.50	2,568 50	
D. J. McDougall (paid also $344 for Extension Work) $2,600 — $31.50	2,568 50	
Lecturers (Sessional):		
R. M. Saunders (paid also $894 for Extension Work) $2,200 — $25.50	2,174 50	
R. A. Preston, $2,000 — $22.50	1,977 50	
N. F. Langford, Reader (Sessional)	250 00	
R. G. Riddell, Tutorial Assistant (Sessional — without salary)	....	
		$34,709 00

Anthropology

T. F. McIlwraith, Professor (paid also $15 from University Press) $4,500 — $67.50	$4,432 50	
C. W. M. Hart, Assistant Professor, also Supervisor of Studies for Course in Sociology (paid also $200 for Extension Work and $1.00 from University Press) $2,700 — $33	2,667 00	
S. Delbert Clark, Assistant (paid also $430 for Extension Work)	400 00	
		$7,499 50

Archaeology

C. T. Currelly, Professor (part time — paid also in Royal Ontario Museum) $4,500 — $67.50	$4,432 50	
Rt. Rev. W. C. White, Associate Professor Archaeology (Chinese — paid also in Royal Ontario Museum) $2,500 — $30	2,470 00	
Homer A. Thompson, Assistant Professor, Classical Archaeology (half time) $1,700 — $18.75	1,631 25	
		$8,583 75

Fine Art

John Alford, Professor (paid $5,000 from Special Fund)	....	
Lecturers:		
Peter Brieger (paid $2,400 from Special Fund)	....	
F. S. Haines (part time — Sessional; without salary)	.....	
Peter Haworth, Instructor (part time — Sessional)	400 00	
		$400 00

Geography

Griffith Taylor, Professor (paid also $2,470 in Ontario College of Education; $300 for Extension Work, and $18 from University Press) $4,000 — $122.50	$3,877 50	
Demonstrators (half time — Sessional):		
A. H. Clark (paid also $80 each for Extension Work)	500 00	
Miss A. Nicholls (paid also $80 each for Extension Work)	500 00	
Miss E. K. M. Sims (paid also $80 each for Extension Work)	500 00	
		$5,377 50

Political Economy

Professors:		
E. J. Urwick, Economics (paid also $14 from University Press) $5,500 — $90 (retired 30 June)	$5,410 00	
W. T. Jackman, Transportation (paid also $250 from University Press) $4,900 — $75.50	4,824 50	
H. A. Innis (paid also $19 from University Press) $4,200 — $61.50	4,138 50	
Associate Professors:		
V. W. Bladen, also Supervisor of Studies in Political Economy (paid also $210 for Extension Work and $400 from University Press) $4,000 — $57.50	3,942 50	

H. R. Kemp (paid also $80 for Extension Work) $3,900 — $55.50	3,844 50	
A. Brady (paid also $20 for Extension Work and $200 from University Press) $3,600 — $49.50	3,550 50	
Assistant Professors:		
Lorne T. Morgan (paid also $200 for Extension Work) $3,600 — $49.50	3,550 50	
W. M. Drummond (paid also $110 for Extension Work and $13.25 from University Press) $3,000 — $37.50 (resigned 30 June)	2,962 50	
J. F. Parkinson (paid also $325 for Extension Work) $2,500 — $30	2,470 00	
Miss I. M. Biss (paid also $210 for Extension Work) $2,500 — $30	2,470 00	
Lecturers (Sessional):		
Donald C. MacGregor (paid also $11 from University Press) $2,500 — $30	2,470 00	
A. F. W. Plumptre (paid also $14 from University Press) $2,500 — $30	2,470 00	
V. F. Coe (paid also $90 for Extension Work) $2,250 — $26.25	2,223 75	
C. B. Macpherson, $1,900 — $21.25	1,878 75	
W. J. Waines, Special Lecturer (paid also $376 for Extension Work and $31 from University Press) $2,000 — $22.50	1,977 50	
J. G. Perold, Instructor (Sessional — paid also $156 for Extension Work) $1,500 — $16.25	1,483 75	
L. Warshaw, Class Assistant (Sessional — paid also $90 for Extension Work)	500 00	
A. J. Glazebrook, Special Lecturer, Banking and Finance (Sessional — paid $2,500 from Special Fund)	....	
Law:		
Professors:		
W. P. M. Kennedy, Constitutional Law (paid also $262 from University Press) $5,700 — $95	5,605 00	
N. A. M. MacKenzie, Public and Private International Law (paid also $10 in School of Nursing) $4,200 — $61.50	4,138 50	
F. C. Auld, Roman Law and Jurisprudence, $4,200 — $61.50	4,138 50	
Jacob Finkelman, Assistant Professor, Administrative and Industrial Law (paid also $240 for Extension Work) $2,300 — $27	2,273 00	
James M. Gage, Lecturer (Sessional) $1,500 — $16.25	1,483 75	
K. G. Gray, Honorary Lecturer (Sessional — without salary)	....	
Accounting:		
W. S. Ferguson, Professor (part time — paid also $50 for Extension Work) $2,550 — $30.75	2,519 25	
Assistant Professors:		
F. R. Crocombe (paid also $80 for Extension Work) $3,450 — $46.50	3,403 50	
C. A. Ashley, $3,150 — $44.10; Supervisor of Studies in Commerce and Finance, $600 — $8.40	3,697 50	
		$77,426 25

Philosophy

Professors:		
G. S. Brett @ $6,000, of which $1,000 paid in Ethics (paid also $971.20 as Dean of Graduate Studies; $30 in Ontario College of Education, and $35 from University Press) $5,000 — $144.90	$4,855 10	
F. H. Anderson, $4,600 — $69.50	4,530 50	
Associate Professors:		
H. R. MacCallum (paid also $420 for Extension Work) $4,200 — $61.50	4,138 50	
E. W. Macdonald, $3,300 — $43.50	3,256 50	
W. Jarvis McCurdy, Assistant Professor (paid also $368 for Extension Work) $2,800 — $34.50	2,765 50	
Marcus Long, Class Assistant (Sessional — paid also $390 in Athletics — Men)	300 00	
		$19,846 10

Psychology

Professors:	
E. A. Bott, also Director of Laboratory (paid also $200 for Extension Work) $5,000 — $77.50	$4,922 50
W. E. Blatz (part time — paid also $1,977.50 from Child Research) $2,500 — $45	2,455 00
Associate Professors:	
S. N. F. Chant (paid also $400 for Extension Work) $3,900 — $55.50	3,844 50
Wm. Line (paid also $300 for Extension Work) $3,600 — $49.50	3,550 50

Assistant Professors:		
J. D. Ketchum (paid also $460 for Extension Work) $2,700 — $33	2,667 00	
G. P. Cosgrave (paid also $758 for Extension Work) $2,500 — $30	2,470 00	
Lecturers (Sessional):		
K. S. Bernhardt (paid also $445.50 from Child Research and $807 for Extension Work) $2,350 — $30	2,320 00	
C. R. Myers, $2,050 — $23.25	2,026 75	
K. H. Rogers, Special Lecturer (Sessional — paid also $200 for Extension Work and $10 in Social Science)	300 00	
J. S. Glen, Instructor (Sessional — paid also $200 for Extension Work)	600 00	
Class Assistants (Sessional):		
Miss D. D. Hearn (paid also $494.75 as Laboratory Attendant) $600 — $6	594 00	
H. C. H. Miller	500 00	
H. L. Pottle (paid also $200 for Extension Work)	400 00	
Miss M. D. Salter (paid also $200 from Child Research and $25 for Extension Work)	400 00	
D. C. Williams (paid also $200 for Extension Work)	400 00	
Miss D. Millichamp (paid also $1,187.50 from Child Research) $300 — $4.38	295 62	
G. H. Turner	300 00	
Miss D. G. Walker	300 00	
Miss M. Mason (paid also $400 from Child Research)	200 00	
D. Snygg (paid also $200 for Extension Work)	200 00	
T. A. Fraser	200 00	
Miss M. L. Northway	150 00	
G. W. Anderson (paid also $150 in Psychiatry)	100 00	
G. C. Cooper, Technician, $2,300 — $27	2,273 00	
	$31,468 87	
Less paid by School of Nursing	350 00	
		$31,118 87

Italian and Spanish

Professors:		
M. A. Buchanan, $6,000 — $102.50	$5,897 50	
J. E. Shaw, $6,000 — $102.50	5,897 50	
Emilio Goggio (paid also $200 for Extension Work) $4,200 — $61.50	4,138 50	
Associate Professors:		
G. C. Patterson, $3,600 — $49.50	3,550 50	
Juan Cano (paid also $200 for Extension Work) $3,600 — $49.50	3,550 50	
Instructors (Sessional):		
Miss F. M. Haygarth, $1,500 — $16.25	1,483 75	
J. H. Parker, $1,500 — $16.25	1,483 75	
		$26,002 00

(2) Departments in University College ($155,849.72)

Classics

Gilbert Norwood, Professor, also Director of Classical Studies, $6,250 — $127.50	$6,122 50	
(a) Greek:		
E. T. Owen, Professor, $4,700 — $71.50	4,628 50	
Associate Professors:		
D. E. Hamilton, $4,200 — $61.50	4,138 50	
M. D. C. Tait (paid also $126 for Extension Work) $3,600 — $49.50	3,550 50	
(b) Latin:		
Professors:		
G. Oswald Smith (on leave of absence) $5,000 — $77.50	4,922 50	
E. A. Dale (paid also $300 for Extension Work) $4,500 — $67.50	4,432 50	
Louis A. MacKay, Assistant Professor (paid also $472 for Extension Work) $3,000 — $37.50	2,962 50	
(c) Greek and Roman History:		
C. N. Cochrane, Professor (also Dean of Residence with free house, heat and light valued @ $300) $4,500 — $67.50	4,432 50	
Miss Mary C. Needler, Assistant Professor, $2,700 — $33	2,667 00	
B. R. English, Instructor (Sessional — paid also $300 for Extension Work and $25 from University Press) $1,500 — $16.25	1,483 75	
		$39,340 75

English

Professors:		
M. W. Wallace (paid also $1,449.50 as Principal of University College) $6,000 — $202	$5,798 00	
R. S. Knox, $4,700 — $71.50	4,628 50	
H. J. Davis (paid also $420 for Extension Work and $10 from University Press) $4.700 — $71.50 (resigned 30 June)	4.628 50	
J. F. Macdonald (paid also $420 for Extension Work) $4.500—$67.50	4,432 50	
Associate Professors:		
W. H. Clawson (paid also $420 for Extension Work) $3.800 — $53.50	3,746 50	
A. S. P. Woodhouse (paid also $500 from University Press) $3,700 —$51.50	3.648 50	
N. J. Endicott, Assistant Professor (paid also $314 for Extension Work) $2,700 — $33	2.667 00	
Lecturers (Sessional):		
J. R. MacGillivray (paid also $806 for Extension Work and $50 from University Press) $2.550 — $30.75	2.519 25	
A. Earle Birney (paid also $300 for Extension Work) $2,000 — $22.50	1,977 50	
		$34,046 25

French

Professors:		
F. C. A. Jeanneret, $5.500 — $90	$5.410 00	
J. S. Will, $5.000 — $77.50	4,922 50	
St. E. de Champ (paid also $200 for Extension Work) $4.500 — $67.50	4.432 50	
Associate Professors:		
W. J. McAndrew (paid also $788 as Registrar of University College) $3,700 — $55.50	3,644 50	
H. L. Humphreys (paid also $126 for Extension Work) $3.500 — $47.50	3.452 50	
Assistant Professors:		
J. G. Andison (paid also $530 for Extension Work) $3.300 — $43.50	3.256 50	
R. D. C. Finch (paid also $420 for Extension Work) $3,000 — $37.50	2.962 50	
Lecturers (Sessional):		
Miss A. C. Cole (paid also $212 for Extension Work) $2.350—$27.75	2,322 25	
A. K. Laflamme. $2,150 — $24.75	2,125 25	
Jean A. Houpert. $2.000 — $22.50	1.977 50	
Miss Isabel Balthazard (paid also $324 for Extension Work) $1,800 — $20	1,780 00	
Miss M. D. MacDonald (paid also $200 for Extension Work) $1,800 — $20	1.780 00	
G. L. Assie (paid also $500 for Extension Work) $1.800 — $20	1.780 00	
		$39.846 00

German

Barker Fairley. Professor. $6.000 — $102.50	$5.897 50	
Thure Hedman. Associate Professor. $4.000 — $57.50	3.942 50	
G. E. Holt, Assistant Professor (paid also $420 for Extension Work) $3.450 — $46.50	3.403 50	
Lecturers (Sessional):		
H. Boeschenstein (paid also $691.60 in Chemical Engineering and $300 for Extension Work) $1.950 — $23.85	1.926 15	
Victor Lange (paid also $30 in Ontario College of Education and $500 for Extension Work) $1.950 — $21.88	1,928 12	
		$17.097 77

Semitic Languages

Professors:		
W. R. Taylor (on leave of absence) $5,500 — $90	$5,410 00	
T. J. Meek. $5.200 — $82.50	5.117 50	
F. V. Winnett. Assistant Professor (on leave of absence. Easter Term) $2,700 — $33	2.667 00	
W. S. McCullough. Lecturer (Sessional) $2.200 — $25.50	2.174 50	
Fellows (Sessional):		
M. T. Newby	400 00	
W. G. Brown	200 00	
L. Jacober	200 00	
		$16.169 00

Ethics

G. S. Brett, Professor (see also Philosophy) $1,000 — $28.80	971 20	
		$971 20

University College General

M. W. Wallace, Principal (see also English) $1,500 — $50.50	$1,449 50	
Miss Marion B. Ferguson, Dean of Women (with living valued @ $400) $2,500 — $30	2,470 00	
W. J. McAndrew, Registrar (see also French) $800 — $12	788 00	
Miss R. Gregory, Registrar's Assistant	1,000 00	
Miss C. Tocque, Stenographer in University College, $1,400 — $15	1,385 00	
Miss M. Blackburn, Secretary in Registrar's Office, $1,300 — $13.75	1,286 25	
		$8,378 75
		$721,926 73

22. MATHEMATICS

Class room supplies ($106.27):		
American Mathematical Society, dues	$25 23	
A. W. Tucker, reprints	15 05	
University Extension, stencils, ink and paper	59 71	
University Press, printing and stationery	4 81	
Superintendent's Dept., freight	1 47	
Clerical assistance:		
University Extension, making stencils, etc.	92 94	
		199 21

23. APPLIED MATHEMATICS

Class room supplies ($341.49):		
American Institute of Physics, reprints	$15 68	
Grand & Toy, cabinet and index	14 22	
Hirschwaldsche Buchhandlung, books	20 88	
Murdoch Stationery, paper	27 00	
Office Specialty Mfg. Co., cabinet and guides	34 00	
Postage	14 00	
Roneo Co., stencils, ink, paper, etc.	76 50	
University Press, printing and stationery	118 44	
Accounts under $10 (6)	20 77	
Clerical assistance:		
Miss M. J. Thomson, 37½ weeks	450 00	
		791 49

24. PHYSICS

Laboratory and workshop supplies ($5,391.03):		
Agfa Ansco Ltd., glycin	$12 36	
Aikenhead Hardware Ltd., hardware	96 66	
Allen Mfg. Co., laundry	28 46	
Anaconda American Brass Ltd., brass rods and tubing	123 28	
Baird & Tatlock, scales and terminals	13 88	
Bausch & Lomb Optical Co., crystals, slides, etc.	44 85	
Big A Co., casters	42 55	
Billingham & Stanley, lamp	19 53	
Bond Engineering Works, beams and casting	49 06	
W. E. Booth Co., lantern plates	148 03	
Canada Metal Co., castings	118 83	
Canada Wire & Cable Co., wire	43 19	
Canadian General Electric Co., lamps, etc.	29 83	
Canadian Industries Ltd., chemicals	26 72	
Canadian Kodak Co., filters, plates, etc.	38 42	
Canadian Laboratory Supplies, glassware and chemicals	302 45	
Canadian National Carbon Co., carbons and batteries	86 21	
G. Cassons Ltd., brushes	13 82	
Century Scientific Co., tubing, posts, etc.	118 81	
Clough-Brengle & Co., oscillator	29 54	
Codex Book Co., paper	18 17	
Corning Glass Works, filters, tubes, etc.	40 37	
Diamond State Fibre Co., fibre rod	17 23	
Disher Steel Construction Co., steel beams	16 47	
Dominion Oxygen Co., gas	421 30	
Drummond, McCall Co., tubing	63 86	
Eastman Kodak Stores, chemicals, plates, etc.	23 27	

Eastman Photographic Stores, plates, chemicals and lamps	96 69
T. Eaton Co., stools, pans and sundries	23 52
Electric Specialty Co., brushes	14 87
Exide Batteries, batteries	60 64
Freyseng Cork Co., corks	12 02
Gelwynne, Magnesite & Magnesia Corporation, polish	10 17
General Radio Co., radio parts	37 87
Gevaert Co., photographic paper	27 18
Griffin & Tatlock, thermometers, etc	83 32
Gutta Percha & Rubber Co., tubing	63 02
Haynes Art Gallery, framing photographs	33 75
J. F. Hartz Co., quartz wedge	15 10
Geo. H. Hees & Sons Co., venetian blinds	37 77
Adam Hilger, Ltd., rack, crystals, reprints, etc	103 14
Imperial Oil Ltd., oil	23 86
Johnson, Matthey & Co., recovering radium, platinum wire, etc	159 13
Kimble Glass Co., tubing	78 64
P. J. Kipp & Zonen, prism	11 86
Lake Simcoe Ice & Fuel Ltd., ice	48 38
E. Leybold's Nachfolger, glassware	83 60
W. R. McKee, electrical repairs	15 95
Moyer School Supplies, chalk	10 96
National Bureau of Standards, filter	10 15
Nichols Chemical Co., chemicals	23 00
Palmer Thermometer Co., thermometer	19 18
Peake & Whittingham, prints	12 96
Peckover's Ltd., steel	13 55
T. S. Plaskett, tools	90 00
Thos. Pocklington, balances repaired	25 00
Polaroid Corporation, discs	83 78
Postage	62 50
Pratt & Lambert, varnish	17 57
Pratt & Whitney, drills	33 88
W. G. Pye & Co., paper	55 00
Robbins & Townsend, typewriter inspection	13 40
Rolls & Darlington, soap, glycerine, etc	14 23
Roneo Co., stencils, ink and paper	54 14
K. Selmay, filaments	10 34
Robt. Simpson Co., cloth	10 78
Stewart Warner Alemite Corporation, glides	11 45
Stupakoff Laboratories, filaments	14 33
Thermos Bottle Co., fillers	13 54
Toronto Hydro Electric System, current	189 30
Underwood-Elliott-Fisher, Ltd., chair	12 00
Victor X-Ray Corporation, insulator, films, etc	10 22
Wholesale Radio Co., radio parts	87 97
University Press, printing and stationery	380 23
Accounts under $10 (47)	219 62
Sundry disbursements by department:	
Seminar teas, $19.91; hardware, $18.23; sundries, $21.77	59 91
Superintendent's Dept., freight, $129.71; labour, $229.47; material, $445.23	804 41
Apparatus ($1,907.92):	
Art Metropole, apertometer	39 92
Baird & Tatlock, microscope and parts	53 47
Burke Electric & X-Ray Co., transformer, valves, etc	297 50
Canadian General Electric Co., lamps, sockets, etc	45 74
Walter A. Carveth Co., condenser	42 50
Central Scientific Co., water motor, electromagnetism apparatus, etc.	149 05
James Chesterman & Co., gauge	31 11
Griffin & Tatlock, stop clock, etc	67 50
Adam Hilger Ltd., rotating sector for spectrograph	179 00
Milton-Thompson, electric fan	26 50
W. B. Nicholson, balance	10 58
Polaroid Corporation, experimental kit	25 52
W. G. Pye & Co., gauges	41 40
Screen & Sound Service, lantern	70 00
James Swift, camera	40 00
Western Electrical Instrument Corporation, galvanometer, etc	308 28
Wholesale Radio Co., condenser	81 95
Zenith Electric Co., resistances	113 41
Accounts under $10 (2)	6 58

Superintendent's Dept., labour, $1.00; material, $276.91		277 91	
Experimental tables, cases, books, charts, fittings, etc. ($750.55):			
Akademische Verlagsgesellschaft, reprints		17 83	
American Institute of Mining & Metallurgical Engineering, reprints		10 37	
American Institute of Physics, reprints		14 88	
Engineering, subscription		14 46	
Johnson Office Furniture Co., desk		25 00	
Macmillan Co., subscription		14 17	
National Research Council, reprints		21 05	
T. S. Plaskett, books		10 00	
Royal Society, reprints		27 19	
University Press, books and reprints		95 03	
Accounts under $10 (10)		57 46	
Superintendent's Dept., labour, $265.42; material, $177.69		443 11	
Laboratory and workshop assistance ($1,448.90):			
L. Hughes, 44 weeks, 1 day		397 50	
S. Collins, 43 weeks, 3 days		391 50	
G. Nixon, 40 weeks		360 00	
A. Owen, 8½ weeks (see also Salaries)		123 67	
R. D. Hiscocks, 4 weeks, ½ day		65 33	
B. McFarlane, 2 weeks		62 50	
Miss F. M. Quinlan, 1 week (see also Salaries)		31 40	
K. C. Mann, 17 hours		17 00	
Research apparatus, etc. ($468.14):			
C. P. R. Telegraphs		10 10	
Walter A. Carveth Co., microscopes		118 35	
Adam Hilger Ltd., crystal		88 13	
Leeds & Northrup Co., galvanometer		105 22	
R. H. Nichols, potentiometer		146 34	
		$9,966 54	
Less charged to Sir John McLennan Fund	$468 14		
Credits: Laboratory deposits, $850.50; sale of material, etc., $43.75	894 25		
		1,362 39	
			$8.604 15

25. ASTRONOMY

At University:	
Supplies ($281.83):	
Bausch & Lomb Optical Co., balopticon	$68 25
Grand & Toy, paper	17 50
Harvard College Observatory, charts	10 13
Geo. Hees Sons & Co., shade	21 22
Postage	12 00
University Press, printing and stationery	57 48
Accounts under $10 (6)	24 76
Sundry disbursements by department	13 95
Superintendent's Dept., freight, $22.08; labour, $15.82; material, $18.64	56 54
At Observatory:	
Supplies and apparatus ($1,797.32):	
Aikenhead Hardware Ltd., hardware	64 50
Bausch & Lomb Optical Co., prism	46 72
W. E. Booth Co., plates	125 30
F. Y. W. Braithwaite, micrometer, etc	73 53
Butterfield's Division, Union Trust Drill Co., drills	21 48
Canadian General Electric Co., motor, etc	15 07
Chicago Gear Works, gear	21 92
Eastern Science Supply Co., celestial globes	25 18
Eastman Kodak Stores, chemicals, films, plates, etc	16 68
Eastman Photographic Stores, chemicals, lantern, etc	13 75
T. Eaton Co., mattress and linoleum	12 02
Sir Howard Grubb-Parsons Co., motor	27 73
G. M. Laboratories, electric cells	15 29
P. J. Kipp & Zonen, galvanometer	158 18
Mitchell & McGill, card cabinet	50 00
C. A. Parsons & Co., telescope	412 50
H. W. Petrie, lathe attachment	111 39
Postage	12 00
Shallcross Mfg. Co., resistance box	33 67
Sheppard & Gill Lumber Co., lumber	18 90

Underwood-Elliott-Fisher Co., copy holder	22 50	
University Press, printing and stationery	75 47	
Accounts under $10 (8)	34 08	
Sundry disbursements by department:		
Express and postage, $10.30; hardware and sundries, $27.11	37 41	
Superintendent's Dept., freight, $11.65; telephone calls, $6.22; labour, $161.69; material, $172.49	352 05	
Library, including binding and mending ($495.69):		
F. A. Brockhaus, book and subscription	20 75	
Hirschwaldsche Buchhandlung, books	11 55	
MacMillan Co., subscription	14 36	
N. V. Martinus Nijhoff, books	12 53	
Postage	12 00	
Star Book Co., atlas	10 47	
University Press, books, binding and stationery	368 41	
Accounts under $10 (8)	45 62	
Travelling allowances ($300):		
J. F. Heard	100 00	
F. S. Hogg	100 00	
P. M. Millman	100 00	
Attendants and incidentals ($58.94):		
W. S. Johnston & Co., tickets	1 07	
T. Mackenzie, caretaker's overtime services	57 50	
Superintendent's Dept., material	37	
	$2,933 78	
Less door receipts	274 25	
		$2,659 53

26. GEOLOGY

Maintenance ($631.29):		
Canadian Industries Ltd., chemicals	$10 29	
Canadian Laboratory Supplies, glassware	14 96	
Dr. Madeleine A. Fritz, lantern slides	15 00	
Grand & Toy, files	23 00	
Dr. G. Grubber & Co., slides	52 88	
Miss Helen S. McCaul, typing and mimeographing	16 00	
Office Specialty Mfg. Co., holders and labels	23 92	
Photographic Service, slides	32 95	
Postage	15 00	
Thos. Pocklington Co., instrument repairs	43 50	
Robbins & Townsend, typewriter inspection	29 39	
R. Spencer Soanes, thermometer	30 00	
Ward's Natural Science Establishment, specimens	43 23	
University Press, printing and stationery	38 13	
Accounts under $10 (13)	59 61	
Superintendent's Dept., freight, $6.93; labour, $113.22; material, $63.28	183 43	
Summer Field Work, travelling expenses, etc. ($532.03):		
British & American Motors Ltd., used car, $265; less allowance on old car, $115	150 00	
Prof. A. P. Coleman, expenses	101 19	
A. Glauser, expenses	81 00	
Instruments Ltd., protractor	10 20	
Prof. E. S. Moore, honorarium, $100; expenses, $47.58	147 58	
Thos. Pocklington Co., compass	12 50	
Accounts under $10 (4)	29 56	
	$1,163 32	
Less credit from sale of slides	5 10	
		$1,158 22

27. MINERALOGY

Maintenance and equipment:	
Canadian Industries Ltd., chemicals	$24 03
Canadian Laboratory Supplies, glassware, screens, etc.	50 53
Walter A. Carveth & Co., microscope, parts, etc.	334 90
Central Scientific Co., glassware and chemicals	73 36
Eimer & Amend, chemicals	15 14
French Ivory Products, sheeting	16 20
Prof. Ellis Thomson, re labelling specimens	33 25
Ward's Natural Science Establishment, specimens	14 52

University Press, printing and stationery	78 82	
Accounts under $10 (11)	47 06	
Sundry disbursements by department	6 23	
Superintendent's Dept., freight, $5.64; labour, $55.95; material $27.50	89 09	
	$783 13	
Less credits: Laboratory deposits, $199.50; sale of material, $83	282 50	
		$500 63

28. CHEMISTRY

Maintenance:	
Chemistry:	
Chemicals, glassware, apparatus, etc. ($8.437.54):	
American Institute of Physics, reprints	$19 19
Bausch & Lomb Optical Co., lens	22 54
Belle Ewart Co., ice	11 40
British Drug Houses, chemicals	250 88
Canada Colors & Chemicals Co., alcohol	11 48
Canadian Kodak Co., chemicals	113 02
Canadian Laboratory Supplies, chemicals, glassware, etc.	651 46
Walter A. Carveth & Co., microscope	52 50
Central Scientific Co., glassware, etc.	1,025 56
Coulter Copper & Brass Co., condenser, copper wool, etc.	154 76
Creamery Package Mfg. Co., churn	18 00
T. Eaton Co., tables and bowls	31 50
Fisher Scientific Co., forceps and glassware	32 36
Gustav Fock, chemicals and text books	34 00
Foreman Marine Equipment Ltd., repairs to gear pump	12 85
Paul Haach, chemicals	184 28
Hart House, tomato juice	53 25
O. W. Hertzberg, chemicals	273 94
Ingram & Bell, cells, funnels, etc.	22 59
International Titanium Ltd., carboys	20 00
Johnson, Matthey & Co., crucibles and specimen metals	63 39
Leeds & Northrup Co., potentiometer	356 13
Longmans, Green & Co., text books	60 75
Mack Printing Co., reprints	17 13
Mallinckrodt Chemical Works, chemicals	133 82
Merck & Co., chemicals, etc.	207 80
Eleybold's Nachfolger, pumps	21 98
National Drug & Chemical Co., chemicals	30 39
Nichols Chemical Co., acids	341 05
Ontario Rubber Co., tubing	123 81
Postage	31 00
Richards Glass Co., tubes, etc.	21 41
Richardson, Bond & Wright, cards, etc.	28 44
Rudd Mfg. Co., coils	10 60
Scientific Glass Apparatus Co., distilling apparatus	30 97
Staatliche Porzellar, crucibles	54 59
Standard Chemical Co., chemicals	37 75
Stephens Sales Ltd., stencils, etc.	137 96
Synthetic Drug Co., bottles	36 00
Textile Products Co., towels	206 40
E. M. Tozer, crushing ore, etc.	10 00
Wall Chemicals Ltd., oxygen, etc.	32 13
Ward Leonard Electric Co., rheostats	29 05
Weston Electric Instrument Corporation, ammeters	26 88
S. S. White Co., gas	14 44
Williams & Wilson Ltd., elements and terminals	112 80
Wilson Scientific Co., thermometers, filter paper, etc.	417 02
University Press, printing and stationery	1,435 35
Accounts under $10 (19)	105 03
Sundry disbursements by department:	
Hardware, $52.16; telegrams, express and stationery, $39.24; glassware, $11.65; sundries, $76.86	179 91
Superintendent's Dept., freight, $70.96; labour, $594.10; material, $473.94	1,139 00
Repairs and renewals ($301.83):	
Beardmore Leather Ltd., belting	44 54
Superintendent's Dept., labour, $184.03; material, $73.26	257 29

Clerical assistance ($18):		
Miss M. M. Goddard, 3 days (see also salaries)	9 00	
Miss A. Reeves, 3 days	9 00	
	$8,757 37	
Less credits: Laboratory deposits, $4,831.01; sale of material, etc., $10.50	4,841 51	
		$3,915 86
Physical Chemistry:		
Supplies, chemicals, etc.:		
Canadian Kodak Co., chemicals and filters	$19 26	
Central Scientific Co., oven and pump	227 36	
R. H. Chappell, glassblowing	68 10	
Wm. & J. G. Greey Ltd., wire cloth	11 70	
Adam Hilger Ltd., rods	69 46	
Ilford Ltd., plates	11 93	
Johnson, Matthey & Co., silver dish	38 00	
Merck & Co., acetate	21 39	
Accounts under $10 (7)	33 26	
Superintendent's Dept., freight	3 23	
		$503 69
Electro-Chemistry:		
Supplies ($1,387.17):		
Aikenhead Hardware Ltd., hardware	$54 29	
R. W. Bateman Ltd., resistance wire	15 26	
Belle Ewart Co., ice	15 20	
Canadian Laboratory Supplies, glassware, etc.	18 99	
Canadian National Carbon Co., electrodes	49 60	
Central Scientific Co., crucibles and filter paper	571 57	
Fisher Scientific Co., glassware	150 53	
G. A. Hardie & Co., wipers	19 01	
Photographic Service, prints and slides	44 38	
Richardson, Bond & Wright, graph sheets	23 05	
Wall Chemical Ltd., gas	16 00	
Williams & Wilson, asbestos, gloves, crucibles, etc.	23 10	
University Press, printing and stationery	30 44	
Accounts under $10 (17)	68 18	
Sundry disbursements by department:		
Hardware, $14.16; chemicals and stationery, etc., $13.20; sundries, $34.56	61 92	
Superintendent's Dept., freight, 39c; labour, $33.29; material, $191.97	225 65	
Apparatus ($1,128.43):		
Canadian Laboratory Supplies, clamps and gear regulator	19 60	
Canadian Silversmiths Ltd., silver vessel	11 85	
R. H. Chappell, glassblowing and apparatus	110 25	
Conn Engineering Co., repairs to electric oven	14 25	
Coulter Copper & Brass Co., tank and vessel	50 72	
Ingram & Bell, weights condenser	271 79	
W. Kubbinga, machine work and glassblowing	78 53	
W. R. McKee, apparatus repairs	41 88	
Geo. A. Matthews, motor repairs	72 52	
C. C. Meredith & Co., motors	12 64	
Thos. Pocklington Co., assembling telescope	32 50	
Radio Trade Supply Co., radio and parts	78 71	
Roy P. Rogers, power pack	10 00	
Wilson Scientific Co., rheostats	80 42	
Accounts under $10 (2)	11 08	
Superintendent's Dept., labour, $186.46; material, $45.23	231 69	
Laboratory cleaning:		
A. Kaellgren, battery work and cleaning	26 00	
	$2,541 60	
Less credits: Laboratory deposits, $63.30; material returned, $17.95	81 25	
		$2,460 35
		$6,879 90

29. Biology

Laboratory and lecture room supplies, museum specimens, catalogue, microscopes and accessories ($4,954.19):	
Agfa Ansco Co., acetate	$12 10
Aikenhead Hardware Ltd., hardware	55 55
Anatomy Dept., microscopes	97 50
Art Metropole, thermo hydrograph	67 50
Biological Supply Co., specimens	95 63
Canadian Industries Ltd., chemicals	10 49
Canadian Laboratory Supplies, glassware and chemicals	275 58
Walter A. Carveth Co., microscope cabinet and parts	340 90
Central Scientific Co., glassware, etc.	713 57
Coleman & Bell Co., chemicals	12 17
Connolly Paper Box Co., boxes	12 29
Corbett-Cowley Ltd., laboratory coats	60 59
Dominion Glass Co., jars	27 88
Driver, Harris & Co., wire	17 92
T. Eaton Co., cotton, stop watch, etc.	47 92
C. Emmett, animals	257 00
Fisher Scientific Co., rubber sleeves and clamps	12 88
A. Fontaine, frogs	84 00
Genera Insectorum, subscription	78 25
General Biological Supply House, specimens	88 14
D. Gestetner Ltd., ink and stencils	68 92
Gevaert Co., chemicals, plates, etc.	58 33
D. H. Hamley, microscope lamps	60 00
J. F. Hartz Co., cover glasses, slides, etc.	105 55
Hydro Electric Power Commission of Ontario, battery jars	23 50
Ingram & Bell, needles, etc.	14 72
W. H. Johnson, collecting expenses	12 00
Leeds & Northrup Co., resistance boxes	64 70
W. J. LeRay, travelling and collecting expenses	100 70
Mallinckrodt Chemical Works, chemicals	41 59
Matthews, McCutcheon & Co., specimens	15 00
Medicine Hat Pottery Co., crock covers	12 35
Merck & Co., acids, glycerine and carmine	155 03
Murphy's Drug Store, photographic supplies	266 95
Ontario Agricultural College, eggs	11 05
Thos. Pocklington Co., mounted paragon	49 50
David Richardson, fish	27 53
Rolls & Darlington, oil of cedar	15 48
Screen & Sound Service, screen	35 50
Sheridan Nurseries, insect food	10 00
Smith Belting Works, raw-hide	15 00
Standard Chemical Works, chemicals	29 00
Stephens Sales Ltd., coupons and paper	168 50
Arthur H. Thomas Co., paper and chemicals	18 64
Toronto General Hospital, Ontario Therapy Dept., rebinding books	15 00
Tropical Biological Collecting Service, grasshoppers	28 69
Wilson Scientific Co., slides	46 55
Wistar Institute of Anatomy and biology, reprints and subscriptions	25 37
University Press, printing and stationery	413 17
Accounts under $10 (41)	161 76
Sundry disbursements by department:	
Animals, fruit and vegetables, $37.22; hardware, $19.98; sundries, $32.60	89 80
Superintendent's Dept., freight, $129.69; labour, $22.17; material, $274.59	426 45
Marine laboratories, collecting:	
W. H. Johnson	50 00
Furnishings, fittings and equipment ($964.81):	
Bay Salvage Co., desk	52 50
D. Gestetner Ltd., duplicating machine	245 00
Wilson Stationery & Printing Co., transfer cases	12 00
Superintendent's Dept., labour, $396.93; material, $258.38	655 31
Messenger service:	
Albert Prince, 35 weeks	250 00
Incidentals ($449.35):	
Allen Mfg. Co., laundry	$78 21
Postage	85 00
Robbins & Townsend, typewriter inspection	34 35

Ryerson Press, cloth and moisteners	13 92	
University Press, printing and stationery	176 03	
Accounts under $10 (7)	34 57	
Sundry disbursements by department:		
Telegrams, etc., $8.11; stationery, etc., $7.02; sundries, $9.80	24 93	
Superintendent's Dept., labour	2 34	
Experimental Research ($251.41):		
Prof. Laurence Irving, expenses in connection with observing and securing beaver at Algonquin Park	75 00	
Provincial Treasurer, expenses re shipping live beaver	32 96	
Accounts under $10 (2)	10 25	
Superintendent's Dept., labour. $107.66; material, $25.54	133 20	
	$6,919 76	
Less credits: Laboratory deposits, $862.50; sale of microscopes, $120; sale of material, $10.30; charged to School of Nursing, $300; expenses, etc., charged to Rockefeller Fund. $251.41	1,544 21	
		$5,375 55

30. BOTANY

Laboratory, office supplies, labour, etc. ($3,350.36):	
Allen Mfg. Co., laundry	$22 18
American Instrument Co., relay, etc	43 54
American Type Culture Collection, culture	37 82
W. E. Booth Co., photographic supplies	30 22
Brown Bros., pads	25 13
Canadian Industries Ltd., chemicals, etc	26 55
Canadian Laboratory Supplies, glassware, etc	152 41
Canadian Liquid Air Co., gas	15 04
Canadian Pad & Paper Co., mimeo paper	16 85
Canadian Powers Regulator Co., adjusting thermometers	13 04
Central Scientific Co.. chemicals, glassware, etc	220 67
R. H. Chappell, glassblowing	30 00
Mrs. A. Chilton, washing microscopes	15 35
Corbett-Cowley Ltd., laboratory coats	75 69
Eastman Kodak Stores, films, paper, etc	35 73
Eastman Photographic Stores, films, paper and slides	52 45
T. Eaton Co., knives	10 58
Fisher Scientific Co., rubber tubing and brushes	94 65
Gevaert Co., lantern plates	44 54
Grand & Toy, ink, cards, carbon, etc	84 83
Fred W. Halls Paper Co., paper	16 52
J. F. Hartz Co., cover glasses, slides, etc	45 44
F. Hellige & Co., micro cells	29 94
Johnson & Johnson, cotton	20 14
Kelvinator Ltd., refrigerator repairs	22 50
Lowe-Martin Co., transfer cases	37 50
Mallinckrodt Chemical Works, chemicals	10 48
Masco Co., globes	16 80
Mimeograph Co., ink, paper and stencils	37 91
Parisian Laundry Co	73 45
Photographic Service, prints and slides	18 05
Postage	73 50
Queen City Glass Co., plate glass	11 33
Richards Glass Co., glassware	50 47
Robbins & Townsend, typewriter inspection and repairs	43 20
H. J. Schempff, plant collection	16 17
Stephens Sales Ltd., coupons and paper	35 09
Telfer Paper Box Co., boxes and filing cases	120 16
Toronto Envelope Co., envelopes	14 85
Edw. Webb & Sons, bulbs and spray	19 00
Theodore Oswald Weigel, specimens and journals	61 61
Wilson Scientific Co., chemicals, glassware, etc	329 51
University Press, printing and stationery	439 90
Accounts under $10 (31)	140 94
Travelling expenses, members of staff:	
H. S. Jackson	39 70
H. B. Sifton	16 70
A. Simpson	18 40
R. B. Thomson	20 00
Dr. J. Gertrude Wright	14 80
Sundry persons	13 45

Sundry disbursements by department:		
Drugs and stationery, $31.49; hardware, $17.93; supplies, $19.51; telegrams, etc., $11.35; sundries, $25.52	105 80	
Superintendent's dept., freight, $114.65; labour, $82.14; material, $192.99	389 78	
Herbaria, Bear Island Laboratory:		
Cases, labour, supplies, etc. ($641.62):		
Grand & Toy, folders	17 25	
K. M. Mayall, assistant in herbarium, 2½ mos.	150 00	
Office Specialty Mfg. Co., herbarium cases	240 00	
Provincial Treasurer, rental of Bear Island lot	10 00	
R. C. Russell, specimens	31 31	
H. Snyder, journal	33 77	
Accounts under $10 (3)	11 93	
Travelling expenses, members of staff:		
R. F. Cain	48 20	
H. S. Jackson	87 55	
Superintendent's Dept., labour, $1.75; material, $9.86	11 61	
Botanic Gardens and Greenhouse supplies and labour ($1,203.02):		
Assistant Gardeners:		
W. M. C. Chilton, 2,296 hours	631 40	
Wm. A. Clarke, 556½ hours	113 30	
Miss K. Simpson, 27 hours	8 40	
Adams Flowers, bulbs	16 73	
Canada Metal Co., ribbon	21 71	
Capital Exterminating Co., fumigating greenhouse	12 50	
Clark & McFarlane, palm tub	25 00	
Dale Estate, plants and fibre	24 45	
Italian Mosaic & Tile Co., mastic flooring	79 80	
Medicine Hat Pottery Co., pots	20 70	
Ocean Chemicals Ltd., fumigating greenhouse	19 90	
A. Simpson, travelling and collecting expenses	63 05	
Ed. Webb & Sons, plants, charcoal, etc.	22 83	
Accounts under $10 (11)	52 89	
Sundry disbursements by department:		
Hardware, $6.36; seeds, $6.50; supplies, $8.17; sundries, $3.30	24 33	
Superintendent's Dept., labour, $24.32; material, $41.71	66 03	
Apparatus and equipment ($2,121.88):		
American Instrument Co., thermostat	26 43	
J. Anderson, making vacuum flasks	13 00	
Art Metropole, plate holder	18 72	
Canadian General Electric Co., motor	26 12	
Canadian Westinghouse Co., refrigerator	220 20	
Walter A. Carveth Co., microscope attachments	37 00	
Central Scientific Co., table support	36 26	
T. Eaton Co., camera, meter, etc.	95 50	
Dr. D. H. Hamly, microscope lamps	126 00	
Hoke Inc., valve gauge	30 18	
Keys & Co., iron pots	18 00	
Matthews, McCutcheon & Co., objectives	40 00	
Office Specialty Mfg. Co., filing sections and cards	180 27	
Screen & Sound Service, camera	36 00	
Accounts under $10 (2)	7 29	
Superintendent's Dept., labour, $644.85; material, $566.06	1,210 91	
	$7,316 88	
Less credits: Laboratory deposits, $711.50; sale of microscopes, $210; use of gasoline launch by Provincial Government, $47.50	969 00	
		$6,347 88

31. History

Class room supplies ($186.59):	
Denoyer-Geppert Co., maps	$29 05
Photographic Service, lantern service and slides	6 00
Postage	20 00
Robbins & Townsend, typewriter inspection, etc.	12 80
University of Chicago Press, map	12 97
University Press, printing and stationery	96 84
Sundry disbursements by department	7 72
Supperintendent's Dept., freight, $1.02; material, 19c	1 21
Secretarial assistant:	
Miss F. Hahn, 8 mos.	800 00

Research expenses ($93):		
Travelling expenses:		
R. Macdonald	13 30	
M. J. Maloney	9 90	
N. Penlington	13 30	
Mrs. Helen Bredin, typing thesis	56 50	
		$1,079 59

32. Anthropology

Class room supplies:		
Photographic Service, prints	$1.00	
University Press, printing and stationery	10 04	
		$11 04

33. Archaeology

Class room supplies:		
Photographic Service, prints and slides	$371 30	
Pringle & Booth, slides	30 21	
		$401 51

34. Fine Art

Equipment ($543.72):		
College Art Association, dues	$10 14	
Grand & Toy, cabinets and typewriter stand	181 20	
Office Specialty Mfg. Co., desk and tables	48 90	
Robbins & Townsend, rebuilt typewriter, $75; inspection. 60c	75 60	
Accounts under $10 (3)	14 34	
Superintendent's Dept., labour, $130.04; material, $83.50	213 54	
Slides, journals and stationery, use of lantern and operator ($633.23):		
National Gallery, slides	10 58	
Photographic Service, slides	330 30	
Postage	5 25	
University of London, slides	164 41	
University Press, printing and stationery	63 02	
Accounts under $10 (7)	20 39	
Sundry disbursements by department	10 00	
Superintendent's Dept., freight, $22.38; labour, $6.90	29 28	
Occasional assistance in Library:		
Miss E. A. Hudson, 8 mos.	450 00	
Books, pictures, etc. ($388.79):		
Melrose Fine Arts Ltd., pictures	49 00	
Raymond & Raymond, art portfolio and catalogue	81 67	
University of Toronto Library, books	24 50	
University Prints, reprints and books	59 05	
University Press, printing and stationery	159 00	
Accounts under $10 (5)	15 57	
	$2,015 74	
Less charged to J. W. L. Forster Fund	388 79	
		$1,626 95

35. Geography

Supplies and apparatus:		
Aikenhead Hardware Ltd., hardware	$34 84	
Art Metropole, tracing paper, brushes, etc.	18 63	
Canadian Laboratory Supplies, burettes, thermometers, etc.	11 84	
Grand & Toy, staples, folders, etc.	20 55	
Mimeograph Co., stencils, paper, mimeographs, etc.	88 09	
Photographic Service, slides	71 90	
Geo. Philip & Son, maps, barometers, etc.	167 42	
Chas. Potter, lamps	12 75	
Robbins & Townsend, typewriter inspection	35 00	
U. S. Dept. of the Interior, maps	14 74	
University Press, printing and stationery	175 15	
Accounts under $10 (5)	19 13	
Sundry disbursements by department:		
Stationery, $36.75; sundries, $20.45	57 20	
Superintendent's Dept., labour, $5.65; material, $6.19	11 84	
	$739 13	
Less credits: Laboratory deposits	183 00	
		$556 13

36. Political Economy

Office and class room supplies ($711.32):		
Commerce Club, journals, etc.	$15 00	
Jas. McDowell & Co., calculator inspection	28 00	
Photographic Service, prints	14 94	
Postage	235 75	
Robbins & Townsend, typewriter inspection	18 00	
Stephens Sales Ltd., ink, paper and stencils	89 98	
University Press, printing and stationery	267 64	
Accounts under $10 (7)	21 61	
Sundry disbursements by department	15 01	
Superintendent's Dept., freight, $4.97; material, 42c	5 39	
Clerical assistance ($1,720):		
Miss J. I. Horrell, 10 mos.	1,000 00	
Miss K. Harkness, 9 mos.	720 00	
		$2,431 32

37. Philosophy

Supplies, clerical assistance, etc.		
Miss H. Desbrisay, clerical assistance, 118½ hours	$59 25	
Grand & Toy, filing cabinet and transfer cases	16 50	
Accounts under $10 (3)	11 41	
		$87 16

38. Psychology

Supplies ($1,413.89):		
Aikenhead Hardware Ltd., hardware	$21 46	
R. C. Bush, repairing stop watches	10 00	
Central Scientific Co., gears	17 64	
E. Cullen, rats	12 90	
T. Eaton Co., lamps, tables, etc.	33 83	
D. Gestetner Ltd., ink and stencils	144 32	
Harvard Apparatus Co., signal magnets	23 00	
Houghton, Mifflin & Co., booklets	18 04	
Lockhart's Camera Exchange, lantern plates, etc.	14 02	
Postage	49 00	
Psychology Corporation, scoring key	18 39	
Robbins & Townsend, typewriter inspection	98 90	
Ryerson Press, cards, binders, etc.	18 83	
Screen & Sound Service, films and negatives	30 00	
John B. Smith & Sons, lumber	70 61	
World Book Co., tests	11 75	
University Press, printing and stationery	461 92	
Accounts under $10 (16)	59 97	
Sundry disbursements by department:		
Drugs, stationery, etc., $9.44; hardware, $19.24; sundries, $16.32	45 00	
Superintendent's Dept., freight, $10.56; labour, $31.02; material, $212.73	254 31	
Apparatus and equipment ($489.22):		
Canadian National Carbon Co., batteries	28 78	
Central Scientific Co., polaroids, etc.	29 19	
Garage Supply Co., gauge and coupling caps	14 00	
Northern Electric Co., soldering iron and vacuum tubes	22 99	
Prestolite Storage Battery, batteries	12 72	
Radio Trade Supply Co., amplifier and speaker	54 35	
Wholesale Radio Service, resistors	65 99	
Windeler Electric Co., motor	12 00	
University Press, printing and stationery	22 55	
Accounts under $10 (5)	23 49	
Superintendent's Dept., labour, $112.77; material, $90.39	203 16	
Clerical assistance:		
Mrs. W. Mussen, 12 mos.	1,000 00	
Laboratory attendance ($844.75):		
Miss D. D. Hearn, 12 mos. (paid also $594 as Class Assistant)	494 75	
Miss G. Evans, 12 mos. (paid also $350 from Child Research)	350 00	
Laboratory cleaning:		
Superintendent's Dept., labour	22 38	
	$3,770 24	
Less credits: Duty and import taxes	26 02	
		$3,744 22

39. Italian and Spanish

Class room supplies and clerical assistance:		
Miss M. French, clerical assistance, 256 hours	$179 20	
Robbins & Townsend, typewriter inspection	5 40	
University Press, printing and stationery	29 26	
		$213 86

40. University College Departments

Class room supplies:		
Classics ($62.30):		
Callow Bros., stapler and staples	10 50	
Grand & Toy, chairs	17 50	
University Press, printing and stationery	33 08	
Accounts under $10 (2)	1 22	
English:		
University Press, printing and stationery	9 40	
French ($168.66):		
M. J. Lallement, phonograph records	25 37	
Libraire Garneau, books	19 85	
Linguaphone Institute, phonograph records	40 00	
University Press, printing and stationery	81 47	
Superintendent's Dept., freight	1 97	
German ($74.77):		
Grand & Toy, chair	15 85	
Stainton & Evis, book	52 00	
University Press, printing and stationery	2 00	
Superintendent's Dept., labour, $3.90; material, $1.02	4 92	
Semitics ($51.12):		
American Colony Stores, slides	18 93	
Chas. Potter, lantern slides	15 00	
University Press, printing and stationery	15 62	
Accounts under $10 (2)	1 57	
		$366 25

41. University College General Expenses

Office supplies, stationery, printing and incidentals ($641.35):		
D. Gestetner, coupons, stencils, etc.	$137 46	
Postage	220 00	
Robbins & Townsend, typewriter inspection	10 80	
University Press, printing and stationery	246 15	
Accounts under $10 (6)	25 74	
Superintendent's Dept., labour	1 20	
Messenger service ($445):		
C. Collinson, 43½ weeks	435 00	
Miss W. T. Dole, 20 hours	10 00	
Sundry expenses of the Principal ($124.70):		
Dunlop's Ltd., funeral spray	5 00	
Robt. Simpson Co., First Year Reception and Scholarship Tea	112 70	
A. Bain, overtime services re reception	4 50	
Mrs. A. Yates, services re reception	2 50	
Issue of Bulletin:		
University Press	424 98	
		$1,636 03

42. University College Building

Heat and light	$5,181 21
Gas, $79.44; water, $179.93	259 37
Caretaker's supplies:	
Superintendent's Dept., material	486 60
Cleaning ($4,621.90):	
Advance Window Cleaning Co.	53 90
Allen Mfg. Co., laundry	32 10
Parker's Dye Works, cleaning and repairing chesterfield, etc.	37 40
Superintendent's Dept., labour	4,498 50
Repairs and renewals ($4,993.46):	
Art Window Shade Co., shades	15 05
Wm. Bartlett & Sons, shades and lantern service	30 87
Dustbane Products Ltd., polishing machine	247 50

Electrolux Ltd., machine inspection		5 00	
Routery Bros., plaster repairs		43 85	
Superintendent's Dept., labour. $3,499.81; material. $1,151.38		4.651 19	
Caretaker. A. Bain. 12 mos., $1,500 — $16.25; (and overtime, $20.50)		1,483 75	
		$17,026 29	
Less heat and light charged to Central Power Plant		$5,181 21	
Sundry credits: Repairs. $290.12; cleaning, $295.83; supplies, $92.05		678 00	
		5,859 21	
			$11,167 08

43. McLennan Laboratory (Physics)

Heat and light		$4.482 06	
Gas. $169.12; water. $560.33		729 45	
Caretaker's supplies:			
Superintendent's Dept., material		149 59	
Cleaning ($1.464.02):			
Allen Mfg. Co., laundry		12 12	
New York Window Cleaning Co.		75 50	
Superintendent's Dept., labour		1,376 40	
Repairs and renewals ($2,098.03):			
Wm. Bartlett & Son, shades		14 04	
Harkness & Hertzberg. engineering services		25 00	
Italian Mosaic & Tile Co., tiling		12 02	
Accounts under $10 (2)		14 05	
Superintendent's Dept., labour, $1,410.13; material, $622.79		2.032 92	
Caretaker, H. Hill, 12 mos., $1,450 — $15.62; (and overtime, $135)		1,434 38	
		$10.357 53	
Less heat and light charged to Central Power Plant	$4,482 06		
Credit for cleaning	13 00		
		4,495 06	
			$5.862 47

44 Chemical Building

Heat and light		$2.193 26	
Gas, 312.33; water, $240.94		553 27	
Caretaker's supplies:			
Superintendent's Dept., material		134 34	
Cleaning ($1.572.88):			
Advance Window Cleaning Co.		19 60	
Allen Mfg. Co., laundry		21 72	
Superintendent's Dept., labour		1,531 56	
Repairs and renewals ($1,489.43):			
Art Window Shades Co.. repairs		30	
Superintendent's Dept., labour, $1,018.85; material, $470.28		1,489 13	
Caretaker (paid as laboratory assistant with rooms, heat and light valued @ $420, chargeable against building and included in above)		....	
		$5.943 18	
Less heat and light charged to Central Power Plant	$2.193 26		
Credit for cleaning	7 08		
		2,200 34	
			$3.742 84

45. Biological Building

Heat and light		$2,524 47	
Gas, $57.60; water. $290.07		347 67	
Caretaker's supplies:			
Superintendent's Dept., material		189 40	
Cleaning ($1,844.59):			
Advance Window Cleaning Co.		26 95	
Allen Mfg. Co., laundry		17 88	
Superintendent's Dept., labour		1,799 76	
Repairs and renewals ($1,804.17):			
Art Window Shade Co., shades, etc.		14 35	
Wm. Bartlett & Son, shades		1 90	
Canadian Germicide Co., vending machine		19 80	

John Nelson & Son, plaster repairs		57 57	
Superintendent's Dept., labour, $1.048.02; material. $662.53		1.710 55	
Caretaker, A. J. Wright, 12 mos. (with rooms, heat and light valued at $300) $1,100 — $11.25; (and overtime, $69)		1,088 75	
		$7,799 05	
Less heat and light charged to Central Power Plant	$2.524 47		
Credit for cleaning	32 00		
		2.556 47	
			$5.242 58

46. Botanical Building

Heat and light		$5,128 29	
Gas, $71.52; fuel oil, $50; water, $427.30		548 82	
Caretaker's supplies:			
Superintendent's Dept., material		192 71	
Cleaning ($2.153.15):			
Advance Window Cleaning Co.		49 00	
Allen Mfg. Co., laundry		17 40	
New York Window Cleaning Co.		104 35	
Superintendent's Dept., labour		1,982 40	
Repairs and renewals ($1,589.15):			
J. O. Dougall Ltd., spray machine		129 37	
Master Mechanics Co., varnish		75 88	
Accounts under $10 (5)		22 66	
Superintendent's Dept., freight, $34.11; labour, $1.105.44; material. $221.69		1.361 24	
Caretaker, T. Buchanan, 11 mos.. to 31 May, $1,237.50 — $13.19; (and overtime, $117.50)		1.224 31	
		$10,836 43	
Less heat and light charged to Central Power Plant	$5,128 29		
Credit for cleaning	15 00		
		5,143 29	
			$5,693.14

47. Baldwin House (History)

Light		$154 12	
Fuel:			
Central Coal Co.		437 51	
Gas, $9.84; water, $14.98		24 82	
Caretaker's supplies:			
Superintendent's Dept., material		47 32	
Cleaning and furnaceman ($169.58):			
Advance Window Cleaning Co.		8 33	
Superintendent's Dept., labour		161 25	
Repairs and renewals ($689.84):			
Art Window Shade Co., shades		6 10	
Superintendent's Dept., labour, $403.84; material. $279.90		683 74	
Caretaker, G. A. Town, 12 mos., $1,350 — $14.38; (and overtime. etc., $182.51)		1,335 62	
		$2,858 81	
Less light charged to Central Power Plant	$154 12		
Credit for cleaning	59 75		
		213 87	
			$2,644 94

48. No. 43 St. George Street

Light		$26 06
Fuel ($163.87):		
Central Coal Co.		163 14
Superintendent's Dept., labour, 23c; material, 50c		73
Gas, $9.36; water, $9.56		18 92
Caretaker's supplies:		
Superintendent's Dept., material		61 15
Cleaning, furnaceman, etc. ($434.21):		
Allen Mfg. Co., laundry		5 76
Toronto Window Cleaning Co.		3 50
Superintendent's Dept., labour		424 95

Repairs and renewals ($159.48):			
Routery Bros., plaster repairs		14 40	
Superintendent's Dept., labour, $96.19; material, $48.89		145 08	
		$863 69	
Less light charged to Central Power Plant	$26 06		
Credit for cleaning	2 60		
		28 66	
			$835 03

49. No. 45 St. George Street (Law)

Light		$39 18	
Fuel ($326):			
Central Coal Co		324 15	
Superintendent's Dept., labour, $1.35; material, 50c		1 85	
Gas, $36.40; water, $10.67		47 07	
Caretaker's supplies:			
Superintendent's Dept., material		36 77	
Cleaning ($172.46):			
Accounts under $10 (2)		7 86	
Superintendent's Dept., labour		164 60	
Repairs and renewals ($344.37):			
Robt. Simpson Co., chairs		66 60	
Superintendent's Dept., labour, $187.50; material, $90.27		277 77	
Caretaker, R. Brown, 12 mos. (with rooms, heat and light valued @ $300; — and overtime, $54; retired 30 June)		950 00	
		$1,915 85	
Less light charged to Central Power Plant	$39 18		
Credit for cleaning	12 75		
		51 93	
			$1,863 92

50. No. 47 St. George Street (Applied Mathematics)

Fuel ($154.16):			
Central Coal Co		$152 15	
Superintendent's Dept., labour, $1.51; material, 50c		2 01	
Electric current, $51.83; water, $8.00		59 83	
Caretaker's supplies:			
Superintendent's Dept., material		23 39	
Cleaning, furnaceman, etc. ($228.80):			
Toronto Window Cleaning Co		2 90	
Superintendent's Dept., labour		225 90	
Repairs and renewals ($170.39):			
Grand & Toy, desks		52 00	
Accounts under $10 (2)		8 21	
Superintendent's Dept., labour, $86.03; material, $24.15		110 18	
		$636 57	
Less credit for cleaning		9 25	
			$627 32

51. Economics Building

Light		$6 00	
Fuel ($2,018.52):			
Lyons, Wright Ltd		1,042 53	
Elias Rogers Co		975 99	
Gas, $81.41; electric current, $1,073.16; water, $89.60		1,244 17	
Caretaker's supplies:			
Superintendent's Dept., material		231 34	
Cleaning and fireman ($3,202.36):			
Allen Mfg. Co., laundry		28 68	
New York Window Cleaning Co		27 50	
Superintendent's Dept., labour		3,146 18	
Repairs and renewals ($2,400.84):			
Art Window Shade Co., shades		28 17	
Wm. Bartlett & Son, shades		1 00	
Grand & Toy, chairs and desks		159 00	
Gutta Percha & Rubber Ltd., treads, felt paper and cement		124 99	
Robbins & Myers Co., motor		34 60	
Routery Bros., plaster repairs		48 35	

Robt. Simpson Co., tables, linoleum, etc.		135 45	
Superintendent's Dept., labour, $1,447.17; material. $422.11		1,869 28	
Caretaker, Jas. McCormick, 12 mos. (with rooms valued @ $100) $1,100 — $11.25; (and overtime, $121.70)		1,088 75	
		$10,191 98	
Less light charged to Central Power Plant	$6 00		
Credit for cleaning. etc.	29 77		
		35 77	
			$10,156 21

52. Psychology Buildings

Light		$80 22	
Fuel ($643.98):			
Central Coal Co.		639 60	
Superintendent's Dept., labour, $2.88; material, $1.50		4 38	
Gas, $14.24; electric current, $74.64; water, $24		112 88	
Caretaker's supplies:			
Superintendent's Dept., material		56 33	
Cleaning, furnaceman, etc. ($979.32):			
Allen Mfg. Co., laundry		5 64	
Toronto Window Cleaning Co.		6 00	
Superintendent's Dept., labour		967 68	
Repairs and renewals ($629.72):			
Art Window Shade Co., repairs		1 00	
Superintendent's Dept., labour, $447.76; material, $180.96		628 72	
Sundries (local telephones connecting these buildings, University College and Economics building):			
Superintendent's Dept., labour, $71.91; material, $177.81		249 72	
		$2.752 17	
Less light charged to Central Power Plant	$80 22		
Credit from sale of material	50		
		80 72	
			$2,671 45

53. David Dunlap Observatory

Fuel ($345.34):		
P. Burns & Co.	$301 14	
Central Coal Co.	44 20	
Electric current	738 60	
Caretaker's supplies ($31.12):		
Toronto Salt Works, salt	15 20	
Superintendent's Dept., material	15 92	
Repairs and renewals:		
Superintendent's Dept., labour, $474.83; material. $164.23	639 06	
Sundries ($1,194.93):		
Lundy Fence Co., fence	183 95	
Sheridan Nurseries, trees	2 00	
Robt. Simpson Co., linoleum repairs	10 25	
Telephone:		
Bell Telephone Co., service	54 00	
Superintendent's Dept., labour, $856.05; material, $88.68	944 73	
Caretaker, T. McKenzie, 12 mos. (with quarters valued @ $180; — and overtime, $57.50)	780 00	
	$3.729 05	
Less credits: Heat, light and water (Prof. Chant) $72; cleaning, etc., $1.50	73 50	
		$3.655 55
		$820.759 88

VI. FACULTY OF MEDICINE

54. Salaries

Administration

W. E. Gallie, Dean (paid also $9,836 as Professor of Surgery) $1,000 — $16	$984 00	
E. S. Ryerson, Assistant Dean and Secretary of Faculty, and Assistant Professor of Surgery (paid also $393.50 in Dentistry) $5,000 — $81	4.919 00	
Assistants:		
Miss M. W. Jones, $1,800 — $20	1,780 00	
Miss O. Russell, $1,750 — $19.38	1,730 62	
Miss A. Perry, Clerk, $1,500 — $16.25	1,483 75	
H. Saunders, Messenger	800 00	
Hospital Theatre, Toronto General Hospital:		
C. Hart, Attendant, $1,550 — $16.88	1.533 12	
Robt. Murray, Attendant in Cloak Room, 30 weeks @ $15	450 00	
		$13,680 49

Anatomy

Professors:	
J. C. B. Grant, $7,000 — $202.50	$6,797 50
W. H. Piersol, Histology and Embryology, @ $5,100, of which half charged to Biology, $2,550 — $40	2,510 00
J. C. Watt, $4.800 — $73.50	4,726 50
H. A. Cates, Associate Professor (paid also $247.50 from Child Research) $3.700 — $54	3.646 00
Assistant Professors:	
Arthur W. Ham, $3,700 — $51.50	3.648 50
R. K. George, $3,100 — $39.50	3.060 50
Assistants in Histology (Sessional):	
H. D. Ball (paid also $150 in Athletics and Physical Training — Women, and $150 for Extension Work)	500 00
M. H. Book	500 00
Demonstrators (Sessional):	
M. J. Wilson, X-Ray (paid also $400 in Physiology)	400 00
Miss K. I. McMurrich (paid also $150 in Athletics and Physical Training — Women)	700 00
M. C. Watson	500 00
T. M. Steele (paid also $400 in Physiology)	350 00
M. Wellman (paid also $125 as Prosector — see below)	350 00
D. A. Davidson (paid also $300 from Medical Research, Best Fund)	250 00
C. E. A. Hassard	200 00
I. D. Kitchen	200 00
C. R. Rapp	200 00
A. N. McKillop	175 00
H. F. Mowat (paid also $1.009.75 in Surgery) $150 — $1.85	148 15
W. E. L. Sparks (paid also $100 in Health Service)	55 00
H. C. Elliott	50 00
C. G. Smith (paid also $1.483.75 in Physiology)	50 00
T. G. Heaton	40 00
F. L. Lawson	15 00
A. E. Montgomery, Dental Anatomy	300 00
Embryology:	
A. E. Ashenhurst	50 00
J. S. Chaikoff	50 00
Prosectors (Sessional):	
E. M. Davidson	1.000 00
Brock R. Brown	125 00
M. Wellman	125 00
J. G. Watt	87 50
B. L. Guyatt	37 50
H. E. LeMasurier, Senior Technical Assistant, $1,800 — $20	1.780 00
H. F. Whittaker, Technical Assistant (paid also $120 in Dentistry)	700 00
Miss G. Dowsley, Clerical Assistant, $1.250 — $13.12	1.236 88
Laboratory Assistants:	
H. McCormick (paid also $15 in Surgery) $1.650 — $18.12	1.631 88
Stephen George, $1,450 — $15.62	1.434 38
B. L. Guyatt, Museum Curator, $1,550 — $16.88	1.533 12

Laboratory Boys:		
Chas. E. Storton	600 00	
W. H. Perry, 3 mos. to 30 Sept	125 00	
G. A. L. Ross, 9 mos. from 1 Oct	375 00	
	$40,263 41	
Less paid by School of Nursing	200 00	
		$40,063 41

Pathology and Bacteriology

Professors:		
Oskar Klotz (ob. 3 Nov. — remainder of salary to 30 June paid to widow) $7,000 — $202.50	$6,797 50	
W. L. Holman, Bacteriology, also Associate Director of Applied Bacteriology, $5,000 — $77.50	4.922 50	
W. L. Robinson, Pathology, also Associate Director of Applied Pathology. $2,200 — $25.50	2.174 50	
G. Shanks, Assistant Professor, Pathology	250 00	
H. K. Detweiler, Associate Director, Serology (Sessional — without salary; paid in Medicine)	....	
W. Magner. Special Lecturer. Pathology (Sessional)	750 00	
Lecturers (Sessional):		
Pathology:		
G. Lyman Duff, $1,800 — $20	1,780 00	
J. E. Bates (ob. 21 Feb. — salary paid to widow)	200 00	
I. H. Erb	200 00	
P. H. Greey, Bacteriology, $1.800 — $20	1,780 00	
Dr. R. Margarite Price, Bacteriology and Serology, $3,000 — $37.50.	2,962 50	
Fellows:		
Pathology:		
Max O. Klotz, 11 mos	1.000 00	
J. C. Paterson, 7 mos	636 37	
R. P. Douglas, 4 mos. (paid also $300 as Demonstrator)	363 60	
Dr. Marion Ross, Bacteriology, 11 mos	1.000 00	
J. D. Hamilton, Museum, 11 mos	1,000 00	
Demonstrators (Sessional):		
Pathology:		
R. P. Douglas (see also above)	300 00	
M. R. Shaver	200 00	
T. H. Belt (without salary)	....	
Dr. Helen L. Vanderveer (without salary)	....	
Bacteriology:		
E. J. Clifford	100 00	
J. E. Josephson (without salary)	....	
Assistants in Laboratory:		
Miss N. W. Simpson. Pathology, $1.500 — $16.25	1.483 75	
Miss H. M. Boyd, Bacteriology, $1.020 — $10.25	1.009 75	
Miss M. G. Hein, Technician. $1,140 — $11.75	1.128 25	
Miss Amelia Alvey, Special Technician, $1,020 — $10.25	1.009 75	
Laboratory attendants for preparing Media:		
Miss E. A. Gordon, Senior Technician, 11 mos., $1.200 — $12.50	1.187 50	
Assistants:		
Miss C. Wallace, 2½ mos. to 15 Sept. (resigned — paid also $1.000 as compassionate allowance for illness alleged to have been caused by employment — charged to Contingencies)	175 00	
Miss Marianne Jackson, 9 mos. from 1 Oct. @ $60 to $70 per month	605 00	
A. Vowles	600 00	
Miss G. K. R. Boyd, Secretary, $1.260 — $13.25	1.246 75	
Miss H. M. Hammond, Librarian and Assistant Secretary. $1.020—$10.25	1.009 75	
Miss V. L. McKinnon, Museum Stenographer, $1.260 — $13.25	1.246 75	
J. F. Payne, Preparator. $1,800 — $20	1,780 00	
Miss Erna Eck, Junior Attendant in Museum	600 00	
Miss Margaret Wightman, Autopsy Recorder	960 00	
Miss G. F. Johnston, Autopsy Technician	960 00	
	$41.419 22	
Division of Neuropathology:		
E. A. Linell, Professor, $4.500 — $67.50	4.432 50	
Dr. Mary I. Tom, Fellow (Sessional) $1.800 — $20	1,780 00	
Technicians:		
Miss H. P. Tett. $1.020 — $10.25	1.009 75	
Miss Kathleen Howitt, Medicine and Surgery	940 00	
Miss C. A. Bell, Secretary, $1.020 — $10.25	1.009 75	
		$50.591 22

Pathological Chemistry

Andrew Hunter, Professor (paid also in Connaught Laboratories) $6,000 — $102.50	5,897 50	
T. F. Nicholson, Associate Professor, $3,450 — $46.50	3,403 50	
R. W. I. Urquhart, Lecturer (Sessional)	1,000 00	
Demonstrators (Sessional):		
D. L. Selby	600 00	
D. H. Boddington	500 00	
G. P. Hamblin, Assistant (part time — Sessional)	250 00	
Fellows (Sessional):		
S. H. Jackson, 4 mos. full time; 4 mos. half time; $825 — $5.63	819 37	
J. B. Scott, $1,100 — $11.25	1,088 75	
C. E. Downs, Technician, $1,500 — $16.25	1,483 75	
Harrison Downs, Laboratory Assistant, $1,100 — $11.25	1,088 75	
Laboratory Attendants:		
Mrs. J. Faulds	750 00	
Mrs. C. McCallum	350 00	
Miss C. A. Shannon, Secretary, $1,200 — $12.50	1,187 50	
		$18,419 12

Pharmacy and Pharmacology

V. E. Henderson, Professor, $6,000 — $102.50	$5,897 50	
G. H. W. Lucas, Associate Professor, $3,800 — $53.50	3,746 50	
M. H. Roepke, Lecturer, Pharmacology, 2 mos. to 31 Aug. (resigned) $366.66 — $4.24	362 42	
H. V. Rice, Fellow (Sessional) $1,500 — $16.25	1,483 75	
Assistants (Sessional):		
S. F. McDonald	900 00	
J. F. A. Johnston (paid also $792 in Ophthalmology) $300 — $3.25	296 75	
J. M. Scott	300 00	
A. Brock, Technical Assistant, $2,000 — $22.50	1,977 50	
Chester Codner, Laboratory Attendant, $1,160 — $12	1,148 00	
A. C. Morrison, Cleaner	600 00	
Miss D. Caldecott, Clerical Assistant	550 00	
		$17,262 42

Bio-Chemistry

Professors:		
H. Wasteneys, $6,000 — $102.50	$5,897 50	
G. F. Marrian, $4,750 — $72.50	4,677 50	
A. M. Wynne, Associate Professor, $3,600 — $49.50	3,550 50	
B. F. Crocker, Lecturer (Sessional — paid also $198 in Special Research) $1,800 — $20	1,780 00	
Fellows (Sessional):		
G. C. Butler (paid also $25 in Special Research)	900 00	
Miss Edith L. Batho	800 00	
W. H. Fishman	800 00	
Paul Hamilton	800 00	
A. D. Odell (paid also $75 in Special Research)	800 00	
Secretarial Assistant:		
Miss M. Delamere, $1,300 — $13.75	1,286 25	
Miss M. M. Godard, substitute, 2 mos. (paid also $70 from Medical Research, Best Fund, and $9 in Chemistry)	160 00	
Technicians:		
J. W. Fletcher, Senior, $1,600 — $17.50	1,582 50	
L. Sloan, $1,600 — $17.50	1,582 50	
J. H. McClary	1,000 00	
Miss D. I. Skill	1,000 00	
Laboratory Assistants:		
G. Lumbard	1,000 00	
W. Clough	1,000 00	
Mrs. Ethel Wilkie, Laboratory Attendant	720 00	
		$29,336 75

Physiology

Professors:		
C. H. Best (paid also in Connaught Laboratories and $2,500 from Medical Research, Best Fund) $6,000 — $102.50	$5,897 50	
N. B. Taylor, $4,500 — $67.50	4,432 50	
Assistant Professors:		
D. Y. Solandt (paid also $100 in Athletics and Physical Training — Women) $3,500 — $47.50	3,452 50	
E. T. Waters (paid also $350 for Extension Work) $2,750 — $33.75	2,716 25	

E. H. Botterell, Lecturer. Neuro-physiology (paid also $1,481.25 in Surgery) $1,500 — $18.75	1.481 25	
E. Fidlar, Lecturer and Research Associate (paid also $346.50 in School of Nursing) $1,500 — $16.25	1,483 75	
C. G. Smith, Demonstrator (Sessional — see also Anatomy) $1,500 — $16.25	1.483 75	
Fellows (Sessional):		
L. B. Jaques	700 00	
C. W. V. McCutcheon	600 00	
T. M. Steele (see also Anatomy)	400 00	
Research Assistants:		
M. J. Wilson, 4 mos. (see also Anatomy)	400 00	
E. A. Dobson, 3 mos. (paid also $15 from Medical Research — Best Fund)	225 00	
Miss Mabel Cory, Departmental Librarian, $1,250 — $13.12	1.236 88	
Miss Doris Secord, Secretarial Assistant, $1,250 — $13.12	1.236 88	
A. Elliott, Mechanician, $1800 — $20	1,780 00	
F. L. Robinson, Technical Assistant and Glassblower (paid also $495 from Medical Research, Best Fund) $2,000 — $25	1.975 00	
J. D. Brown, Technical Assistant, Bio-Physics, $1,500 — $16.25	1.483.75	
W. Huntley, Laboratory Assistant for Teaching Laboratories, $1.400—$15	1.385 00	
G. L. Robinson, Animal Caretaker, $1,200 — $12.50	1.187 50	
A. D. Crouch, Assistant Animal Caretaker, @ $900 less 3 mos	675 00	
		$34,232 51

Hygiene and Preventive Medicine

Professors (paid also in Connaught Laboratories):		
J. G. Fitzgerald (part time — see also School of Hygiene)	....	
R. D. Defries, Hygiene and Epidemiology (part time — paid also $2.470 in School of Hygiene) $1,000 — $17.50	$982 50	
D. T. Fraser, $4.500 — $67.50	4,432 50	
P. J. Moloney, Associate Professor (see School of Hygiene)	....	
Assistant Professors (paid also in Connaught Laboratories):		
M. H. Brown, $1.000 — $10	990 00	
Dr. Frieda H. Fraser, $1,000 — $10	990 00	
Lecturers (Sessional — part time):		
P. A. T. Sneath (paid also in Connaught Laboratories) 9 mos. from 1 July (resigned) $375 — $3.75	371 25	
C. H. D. Clarke (paid also $900 in Biology) 3 mos. from 1 Apr.	125 00	
Demonstrators (Sessional — paid also in Connaught Laboratories):		
Miss H. C. Plummer, $500 — $5	495 00	
R. Hare, $300 — $3	297 00	
Class Assistants (Sessional):		
J. M. Corkill	1.000 00	
Miss E. A. Anderson, $250 — $2.50 } paid also in	247 50	
J. S. Kitching, $250 — $2.50 } Connaught Laboratories	247 50	
D. Fryer, Fellow (Sessional)	1.000 00	
Miss M. E. Collins, Laboratory Assistant	720 00	
Miss E. Barr, Secretarial Assistant, $1.100 — $11.25	1.088 75	
		$12.987 00

Medicine and Clinical Medicine

Duncan Graham, Professor, $10.000 — $155	$9.845 00
Assistant Professors:	
Part-time:	
H. K. Detweiler	300 00
Goldwin Howland	300 00
J. D. Loudon	300 00
J. A. Oille (paid also $10 in Health Service)	300 00
E. J. Trow (in charge of Dermatology)	300 00
R. F. Farquharson @ $3.000, of which $1,000 charged to Therapeutics, $2,000 — $22.50	1.977 50
W. F. McPhedran (half time)	500 00
Associates:	
W. R. Campbell, $2.500 — $30	2.470 00
Part-time:	
R. G. Armour (paid also $40 for Extension Work)	250 00
J. H. Elliott (paid also $700 as Professor of History of Medicine, $40 in School of Nursing, and $30 for Extension Work)	250 00
A. A. Fletcher (paid also $20 for Extension Work)	250 00
A. G. McPhedran (paid also $200 in Health Service)	250 00
H. C. Parsons	250 00
F. W. Rolph	250 00

Senior Demonstrators (Sessional):		
Part-time:		
Gordon Bates (paid also $20 in School of Nursing	200 00	
G. F. Boyer	200 00	
A. H. W. Caulfeild (paid also in Connaught Laboratories and $10 in Health Service)	200 00	
E. E. Cleaver	200 00	
H. A. Dixon (paid also $20 in School of Nursing)	200 00	
Beverley Hannah (paid also in Connaught Laboratories and $190 in School of Nursing)	200 00	
J. Hepburn	200 00	
A. J. McKenzie	200 00	
Harris McPhedran	200 00	
W. E. Ogden	200 00	
Half-time:		
W. P. Warner	1,000 00	
G. W. Lougheed, Medicine and Clinical Microscopy	500 00	
Trevor Owen (paid also $150 in School of Nursing)	500 00	
Junior Demonstrators (Sessional):		
Part-time:		
E. F. Brooks	150 00	
E. A. Broughton	150 00	
W. Hurst Brown	150 00	
J. Gilbert Falconer (paid also $50 for Extension Work)	150 00	
A. R. Hagerman	150 00	
F. Carlyle Hamilton	150 00	
Lawrence M. Murray	150 00	
D'Arcy Prendergast	150 00	
Half-time:		
H. H. Hyland	1,000 00	
Ian Macdonald, 10 mos.	1,000 00	
N. M. Wrong	1,000 00	
Full-time:		
R. A. Cleghorn, $3,000 — $37.50	2,962 50	
J. A. Dauphinee, $2,500 — $30	2,470 00	
H. E. Rykert, $2,500 — $30	2,470 00	
E. J. Maltby, $1,500 — $16.25	1,483 75	
Fellows (Sessional):		
R. B. Kerr	1,000 00	
C. W. J. Armstrong, 10 mos.	750 00	
W. A. Doidge, 10 mos.	500 00	
Harris Gray, Junior Demonstrator, Clinical Microscopy, (Sessional)	250 00	
Research Assistants:		
H. W. Wakefield, $1,400 — $15	1,385 00	
Miss M. I. Hanna, $1,380 — $14.75	1,365 25	
Miss N. R. Hearn, Technician, Applied Physiology, $1,320 — $14	1,306 00	
Miss S. H. Clutton, Secretarial Assistant, $1,440 — $15.50	1,424 50	
		$43,359 50

Paediatrics

Alan Brown, Professor — part time (paid also $160 in School of Nursing)	$350 00	
Associates:		
F. F. Tisdall, also Director of Paediatric Research Laboratories, $2,000 — $22.50	1,977 50	
Part-time:		
A. W. Canfield	250 00	
E. A. Morgan	250 00	
G. R. Pirie	250 00	
Senior Demonstrators (Sessional):		
Dr. Gladys L. Boyd	500 00	
Part-time:		
A. P. Hart	200 00	
George E. Smith	200 00	
Junior Demonstrators (Sessional):		
Full-time:		
T. G. H. Drake, $2,000 — $22.50	1,977 50	
Dr. Pearl Summerfeldt	1,000 00	
Half-time:		
Nelles Silverthorne, also Research Assistant, Bacteriology	500 00	
C. E. Snelling	500 00	
John B. Ross	300 00	

W. W. Barraclough, part-time	150 00	
Miss R. M. Herbert. Technician, Chemistry	200 00	
Miss M. L. Cassidy, Secretarial Assistant	500 00	
		$9,105 00

Surgery and Clinical Surgery

W. E. Gallie, Professor (paid also as Dean) $10,000 — $164	$9.836 00
Assistant Professors:	
T. A. J. Duff	300 00
R. R. Graham (paid also $20 for Post Graduate Course)	300 00
W. W. Jones (resigned 30 June)	300 00
Robin Pearse	300 00
D. E. Robertson (paid also $10 in Health Service, $10 in School of Nursing, and $25 for Post Graduate Course)	300 00
Wallace A. Scott (on leave of absence — resigned 30 June)	300 00
N. S. Shenstone (paid also $10 for Extension Work and $20 for Post Graduate Course)	300 00
G. E. Wilson (paid also $25 for Post Graduate Course)	300 00
E. S. Ryerson (see also Administration)	....
Associates:	
R. E. Gaby	250 00
R. I. Harris (paid also $10 for Extension Work and $20 for Post Graduate Course)	250 00
A. B. LeMesurier	250 00
K. G. McKenzie (paid also $20 for Extension Work)	250 00
H. W. Wookey	250 00
Senior Demonstrators (Sessional):	
Gordon S. Foulds	200 00
R. M. Janes (paid also $20 for Post Graduate Course)	200 00
J. C. McClelland	200 00
R. J. A. McComb	200 00
J. L. McDonald (paid also $40 for Extension Work)	200 00
C. B. Parker (paid also $20 for Post Graduate Course)	200 00
Spence Reid	200 00
T. A. Robinson (paid also $20 for Post Graduate Course)	200 00
James W. Ross	200 00
R. H. Thomas (paid also $200 in Health Service)	200 00
Junior Demonstrators (Sessional):	
H. G. Armstrong	150 00
J. W. Brennan	150 00
W. G. Carscadden (paid also $20 for Post Graduate Course)	150 00
J. H. Couch (paid also $25 for Post Graduate Course)	150 00
C. R. B. Crompton	150 00
J. T. Danis (paid also $30 for Post Graduate Course)	150 00
Chas. W. Harris	150 00
J. A. McFarlane (paid also $200 in Health Service and $35 for Post Graduate Course)	150 00
David R. Mitchell	150 00
D. W. G. Murray (paid also $20 for Post Graduate Course)	150 00
D. W. Pratt	150 00
E. E. Shouldice	150 00
R. M. Wansbrough (paid also $25 for Post Graduate Course)	150 00
C. H. Watson	150 00
Fellows (part time — Sessional):	
E. H. Botterell (see also Physiology) $1.500 — $18.75	1,481 25
W. K. Welsh (paid also $99 in School of Nursing and $20 for Post Graduate Course) $1.200 — $12.50	1.187 50
W. S. Keith (paid also $5 in School of Nursing) $1.020 — $10.25	1.009 75
R. C. Laird, $1,020 — $10.25	1,009 75
H. F. Mowat (see also Anatomy) $1.020 — $10.25	1.009 75
S. D. Gordon (paid also $35 for Post Graduate Course)	840 00
F. I. Lewis (paid also $20 for Extension Work and $50 for Post Graduate Course)	700 00
A. W. Farmer	600 00
Fellows (Resident — Sessional):	
F. G. Kergin	400 00
T. R. Sarjant	400 00
S. A. Thomson	400 00

Assistant Fellows (Resident — Sessional):		
C. Aberhart	300 00	
W. S. Anderson	300 00	
Dr. Jessie Gray	300 00	
J. R. F. Mills	300 00	
T. S. Perrett	300 00	
F. B. Plewes	300 00	
J. F. Roberts	300 00	
F. R. Wilkinson	300 00	
G. F. Pringle, Laboratory Technician, $1.080 — $11	1,069 00	
Miss T. W. McLaren, Secretary, $1,320 — $14	1,306 00	
		$31,399 00

Obstetrics and Gynaecology

William A. Scott, Professor	$1.000 00	
Assistant Professors:		
N. D. Frawley	300 00	
H. B. Van Wyck (paid also $100 in School of Nursing)	300 00	
R. W. Wesley	300 00	
J. A. Kinnear, Associate, Obstetrics	250 00	
Senior Demonstrators (Sessional):		
W. G. Cosbie	200 00	
W. W. Lailey	200 00	
Donald M. Low	200 00	
S. J. N. Magwood (paid also $100 in Health Service)	200 00	
Junior Demonstrators (Sessional):		
Lionel T. Armstrong	150 00	
W. A. Dafoe	150 00	
H. W. Johnston	150 00	
Kent Manning	150 00	
W. T. Noonan	150 00	
Frank O'Leary	150 00	
G. Leslie Watt	150 00	
Fellows (Sessional):		
D. Nelson Henderson, $1,500 — $16.25	1.483 75	
John Mann	1,000 00	
J. C. Goodwin	500 00	
Miss M. Bonham, Laboratory Technician, $1,100 — $11.25	1,088 75	
Miss Hilda Carson, Secretary	900 00	
		$8.972 50

Ophthalmology

W. H. Lowry, Professor	700 00	
Associates:		
F. A. Aylesworth	200 00	
C. E. Hill (paid also $10 in School of Nursing)	200 00	
Mortimer Lyon	200 00	
W. W. Wright	200 00	
A. E. MacDonald (part time) $1,200 — $12.50	1,187 50	
J. F. A. Johnston, Assistant (Sessional — paid also $296.75 in Pharmacology) $800 — $8	792 00	
Junior Demonstrators (Sessional):		
H. M. Macrae	200 00	
A. L. Morgan	200 00	
W. R. F. Luke (without salary)	....	
Miss Mary Gray, Secretarial Assistant @ $1,000, of which half charged to Oto-Laryngology)	500 00	
		$4.379 50

Oto-Laryngology

Perry Goldsmith, Professor (paid also $15 in School of Nursing)	$700 00	
G. M. Biggs, Associate Professor	350 00	
A. A. Campbell, Associate	250 00	
Senior Demonstrators (Sessional):		
H. H. Burnham	200 00	
C. A. Rae	200 00	
D. E. S. Wishart	200 00	
Junior Demonstrators (Sessional):		
H. W. D. McCart	150 00	
Gregor McGregor	150 00	
G. C. Snell	150 00	

W. Berkeley Stark	150 00	
J. G. Strachan	150 00	
Joseph A. Sullivan	150 00	
P. E. Ireland (full time — paid also $5 in School of Nursing) $1,750 — $19.38	1,730 62	
A. M. McLeod (half time)	500 00	
Miss Mary Gray, Technician (see also Ophthalmology)	500 00	
		$5,530 62

Therapeutics

R. F. Farquharson, Assistant Professor (see also Department of Medicine) $1,000 — $15	$985 00	
H. J. Shields, Associate in charge of Anaesthesia	250 00	
W. J. Gardiner, Associate in charge of Physical Therapy (paid also $500 for Extension Work)	250 00	
C. E. Cooper Cole, Senior Demonstrator, Therapeutics (Sessional)	200 00	
Junior Demonstrators, Anaesthesia (Sessional):		
W. Easson Brown	150 00	
S. M. Campbell	150 00	
H. S. Douglas	150 00	
S. J. Evelyn	150 00	
Ralph Hargrave	150 00	
C. H. Robson	150 00	
Assistants, Anaesthesia (without salary):		
G. Rupert Balfour	....	
Norman B. Clark	....	
A. Ralph Wilkins	....	
Assistants, Therapeutics (Sessional):		
F. C. Heal	50 00	
A. J. Kerwin	50 00	
J. C. Sinclair	50 00	
M. B. McGillivray, Research Fellow, 8 mos	800 00	
		$3,535 00

Psychiatry

C. B. Farrar, Professor (paid also $100 in Health Service) $5,000 — $77.50	$4,922 50	
E. P. Lewis, Assistant Professor, $1,900 — $21.25	1,878 75	
Demonstrators (Sessional):		
G. W. Anderson (paid also $100 in Psychology)	150 00	
Dr. Mary V. Jackson	150 00	
B. T. McGhie	150 00	
C. G. Stogdill (paid also $100 in School of Nursing)	150 00	
C. H. McCuaig (on leave of absence)	....	
Fellows (Sessional):		
J. A. Hannah, Neuropathology	1,000 00	
K. G. Gray, Forensic Psychiatry (without salary)	....	
Miss A. F. Abbott, Secretarial Assistant (without salary)	....	
	$8,401 25	
Less paid by Canadian National Committee for Mental Hygiene	2,582 50	
		$5,818 75

Medical Jurisprudence

M. M. Crawford, Associate (ob. 14 May — salary paid to Estate)	$250 00	
		$250 00

Radiology

G. E. Richards, Professor	$250 00	
A. C. Singleton, Associate (paid also $35 for Post Graduate Course)	250 00	
Senior Demonstrators (Sessional):		
M. R. Hall (paid also $35 for Post Graduate Course)	200 00	
A. H. Rolph	200 00	
A. D. Irvine, Assistant (part time — Sessional)	500 00	
		$1,400 00

Research Professor

Sir Frederick Banting (paid $5,000 in Special Research)	....	
		....

Special Lectures

Professor J. H. Elliott, History of Medicine (see also Department of Medicine)		700 00	
Special Lecturers (Sessional):			
E. J. Pratt, English (paid also $360 in Dentistry, $300 for Extension Work, and $30 in Ontario College of Education)		400 00	
Arnold D. Mason, Dentistry (see also Faculty of Dentistry) $100 — $1.86		98 14	
Science and Civilization:			
A. F. Coventry (paid in Biology)		....	
H. Wasteneys (paid in Bio-Chemistry)		....	
J. G. Falconer, Life Insurance		....	
G. S. Young, Medical Ethics and Economics		....	
			1,198 14
			$331,520 93
Less charged to:			
Rockefeller Fund	$51,979 96		
Eaton Endowment	27,017 00		
		$78.996 96	
			$252,523 97

54a. POST GRADUATE COURSES

Honoraria to Instructors ($530):		
Surgery:		
W. G. Carscadden	$20 00	
J. H. Couch	25 00	
J. T. Daniels	30 00	
S. D. Gordon	35 00	
R. R. Graham	20 00	
M. R. Hall	35 00	
R. I. Harris	20 00	
R. M. Janes	20 00	
F. I. Lewis	50 00	
J. A. MacFarlane	35 00	
D. W. G. Murray	20 00	
C. B. Parker	20 00	
D. E. Robertson	25 00	
T. A. Robinson	20 00	
E. H. Shannon	30 00	
N. S. Shenstone	20 00	
A. C. Singleton	35 00	
R. M. Wansbrough	25 00	
W. K. Welsh	20 00	
G. E. Wilson	25 00	
W. E. Gallie, sundry expenses in connection with course: Luncheon to class, $24.55; gratuities to assistants, $40	64 55	
		$594 55

55. ANATOMY

Anatomical material ($2.918.36):	
E. E. Bolton	$600 00
Canadian Industrial Alcohol Co.	99 76
E. Cullen	37 10
Eric Glaesner	140 00
C. Hunt	80 00
Lever Bros.	148 64
Mallinckrodt Chemical Works	21 78
F. W. Matthews Co.	1.042 95
Adam Rouilly & Co.	426 31
Robt. Simpson Co.	32 52
Accounts under $10 (4)	20 40
Prof. J. C. Boileau Grant, models	72 25
Superintendent's Dept., freight, $55.62; labour, $84.24; material, $56.79	196 65
General supplies, equipment and incidentals ($2,589.81):	
Allen Mfg. Co., laundry	141 33
Art Metropole, drawing paper, etc.	30 04
Associated Screen News, lamps, rewinders and view finders	44 00
B. J. Bach, film prints	11 45
W. E. Briggs, drawings	36 25

Canadian Laboratory Supplies, glassware	37 50	
Corbett-Cowley Ltd., laboratory coats	60 59	
Eastern Dairies, milk powder	12 00	
Eastman Photographic Stores, tissue, shutters, etc	27 89	
T. Eaton Co., oilcloth, paint and utensils	30 05	
Fritzsche Bros., oils	16 06	
Gevaert Co., films, plates, etc	64 27	
Gordon, Mackey & Co., towels and cotton	40 38	
B. L. Guyatt, utensils	37 23	
Johns Hopkins Press, reprints	40 89	
Ingram & Bell, chemicals, glassware and micro slides	137 91	
Kelley Feed & Seed Co., feed	27 75	
La Masurier Bros., rebuilding case	32 80	
Mallinckrodt Chemical Works, chemicals, etc	190 07	
Thos. Pocklington & Co., pens	10 40	
Postage	30 00	
Ralston Purina Co., dog biscuits	143 72	
Riverdale Lumber Co., lumber	17 97	
Robbins & Townsend, typewriter inspection	24 60	
Stephens Sales Ltd., ink	12 24	
Toronto Hydro-Electric System, current	10 27	
University Press, printing and stationery	389 01	
Accounts under $10 (25)	114 36	
Sundry disbursements by department:		
Hardware, $28.40; medical supplies, $18.19; telegrams and stationery, $9.92; food supplies and sundries, $62.39	118 90	
Superintendent's Dept., freight, $36.60; labour, $328.78; material, $334.50	699 88	
	$5,508 17	
Less credits: Sale of microscopes, $97.50; sale of material, $100; Laboratory deposits, $33	230 50	
		$5,277 67

56. PATHOLOGY AND BACTERIOLOGY

Supplies and apparatus ($4,811.63):

Academy of Medicine, reprints	$17 40
John Allen, meat	57 16
American Journal of Cancer, reprints	10 32
American Medical Association, subscriptions	72 35
Art Metropole, micro lamp, etc	111 66
W. & T. Avery Ltd., scale	28 42
British Drug Houses, chemicals, etc	12 83
Walter A. Carveth, projection apparatus, microscope Camera, etc	1,055 02
Corbett-Cowley Ltd., laboratory coats	36 92
Diamond Cleanser & Soaps Ltd., soap	22 68
Eastman Kodak Stores, prints, chemicals, etc	63 80
Eastman Photographic Stores, film paper	110 24
T. Eaton Co., curtains, mats and utensils	63 77
Wm. F. Fell Co., reprints	14 90
Fitzgerald-McAvoy, wire baskets	50 88
Gevaert Co., lantern plates, etc	44 25
Giles, Rice & Peters, refrigerator service	95 75
J. F. Hartz Co., chemicals, slides and sterilizer controls	123 73
Hoffman-La Roche Ltd., chemicals	13 43
Ingram & Bell, chemicals, glassware, tubing etc	1,035 62
O. H. Johns Glass Co., glassware	14 34
Journals of Infectious Diseases, reprints	11 66
Kilgour's Ltd., paper	11 97
Lea & Febiger, reprints	35 22
Liquid Carbonic Canadian Corporation, gas	64 00
Lockhart's Camera Exchange, lantern slides	10 50
James McTamney Co., redeeming stolen microscope	15 00
Medical Research Dept., animals	49 50
Mimeograph Co., ink, paper, etc	32 68
C. V. Mosby & Co., reprints	20 78
N. V. A. Oasthocks, prints	19 35
Postage	64 00
Robbins & Townsend, rebuilt typewriter, $80; overhauling typewriter, and inspection, $59.05	139 05
S. Simonsky, redeeming stolen microscope	20 00
Stephens Sales Ltd., reprints	109 00

Sterling Rubber Co., rubber gloves	12 00	
Stevens Companies, cotton	120 00	
Toronto General Hospital, laundry	212 65	
Howard Tredale, baskets	37 40	
Wilson Scientific Co., micro slides	30 38	
Winthrop Chemical Co., chemicals	25 85	
University Press, printing and stationery	219 42	
Accounts under $10 (18)	86 77	
Caretaker's overtime services, H. Vickery	12 00	
Sundry disbursements by department:		
Stationery, etc., $13.82; hardware, $39.03; food supplies, $46.75	99 60	
Superintendent's Dept., freight, $25.52; labour, $128.93; material, $142.93	297 38	
Museum supplies ($849.72):		
Art Metropole, jars	309 63	
Wm. Bryce, text books	20 52	
Walter A. Carveth & Co., micro camera	350 00	
J. F. Hartz Co., chemicals	105 41	
Ingram & Bell, chemicals	16 75	
Office Specialty Mfg. Co., shelving	37 56	
University Press, printing and stationery	6 75	
Superintendent's Dept., labour, $2.61; material, 49c	3 10	
Clerical assistance:		
Miss M. Walkden, 3 mos	225 00	
Alterations in laboratory:		
Superintendent's Dept., labour, $544.79; material, $325.62	870 41	
Neuropathology:		
Supplies and apparatus ($492.09):		
Corbett-Cowley Ltd., laboratory coats	16 42	
Dictaphone Sales Corporation, inspection	16 34	
J. F. Hartz Co., rubber gloves, glassware and chemicals	152 48	
Ingram & Bell, cover glasses, etc.	73 06	
Liquid Carbonic Canadian Corporation, gas	44 00	
Office Specialty Mfg. Co., steel cabinet	45 00	
Postage	11 00	
Robbins & Townsend, typewriter inspection	12 60	
Toronto General Hospital, laundry	47 28	
University Press, printing and stationery	22 56	
Accounts under $10 (7)	28 44	
Superintendent's Dept., freight, $2.64; material, $20.27	22 91	
	$7,248 85	
Less credits: Laboratory deposits, $233.65; sale of material, $61.25.	294 00	
		$6.953 95

57. PATHOLOGICAL CHEMISTRY

Supplies and apparatus:		
Allen Mfg. Co., laundry	$99 99	
British Drug Houses, chemicals, etc.	158 78	
Cambridge University Press, reprints	22 26	
Canadian Kodak Co., chemicals	16 64	
Canadian Laboratory Supplies, chemicals, glassware and tubing	130 67	
Central Scientific Co., chemicals, glassware, micro units, etc.	609 24	
R. H. Chappell, glassblowing	60 75	
Dewey & Almy Chemical Co., chemicals	45 00	
Giles, Rice & Peters Ltd., refrigerator service	22 64	
Dr. W. Junk, reprints	31 99	
Medical Research Dept., animals	109 50	
Robt. Mitchell Co., colorimeter	225 00	
Pfanstiehl Chemical Co., chemicals	12 71	
Roneo Co., ink, pads and stencils	16 75	
Arthur H. Thomas Co., slide traps, balance and capsules	25 73	
University Press, printing and stationery	60 67	
Accounts under $10 (21)	90 57	
Sundry disbursements by department:		
Stationery and postage, $21.50; food supplies, $24.46; sundries, $29.04	75 00	
Superintendent's Dept., freight, $5.33; labour, $182.07; material, $148.47	335 87	
	$2.148 76	
Less credits: Laboratory deposits, $64.50; sale of instruction sheets, $69.50	134 00	
		$2,014 76

58. PHARMACY AND PHARMACOLOGY

Supplies ($1,792.10):		
Aikenhead Hardware Ltd., hardware	$54 51	
Archives Internationales de Pharmacody Namie et de Therapie, reprints	11 04	
Bakelite Corporation, bakelite	13 80	
Barchard Co., sawdust	30 04	
Bausch & Lomb Optical Co., prisms	11 16	
B. D. Breux, frogs	35 00	
Allan Brock, animals	238 60	
Canadian Industries Ltd., chemicals	10 00	
Canadian Laboratory Supplies, chemicals, glassware, etc	209 21	
Central Scientific Co., rheostat	12 45	
J. Fontaine, frogs	126 00	
F. W. Humphrey Co., fish	12 80	
Ingram & Bell, chemicals, instruments, etc	26 43	
John McGillian, carrots	17 25	
National Drug & Chemical Co., chemicals, etc	100 19	
Ontario Rubber Co., rubber tubing	26 61	
Payette & Co., accumulators	16 50	
Photographic Service, prints and slides	81 45	
Queen City Dental Mfg. Co., oxygen	29 50	
Ralston Purina Co., feed	128 50	
Scientific Glass Apparatus Co., thermometers and glassware	24 60	
Taber Laundry Works	33 21	
Toronto Elevators Ltd., feed	15 50	
Vail's Laundry	12 62	
Waverley Press, reprints	28 25	
West Disinfecting Co., disinfectant	39 94	
Wholesale Radio Co., radio parts	37 36	
Willard Storage Battery Sales Service, battery	29 96	
University Press, printing and stationery	65 86	
Accounts under $10 (22)	123 62	
Sundry disbursements by department:		
Food supplies, $12.16; hardware, $14.03; sundries, $9.87	36 06	
Superintendent's Dept., freight, $7.90; labour, $1.55; material, $144.63	154 08	
Apparatus ($307.92):		
K. A. Evelyn, colorimeter	105 00	
General Electric Co., filter section, etc	77 60	
Rubicon Co., galvanometer	70 20	
A. H. R. Smith, electric pulse and motor material	50 18	
Wholesale Radio Co., lamp	4 94	
		$2,100 02

59. BIO-CHEMISTRY (INCLUDING ZYMOLOGY)

Supplies and apparatus ($4,952.76):	
Acme Farmers' Dairy	$86 00
Aikenhead Hardware Ltd., hardware	23 99
Allen Mfg. Co., laundry	36 49
J. R. Bickerstaff, worms and fish	10 10
J. Blood, meat, vegetables, etc	158 90
Borden Co., milk powder	29 40
British Drug Houses, chemicals	263 33
Cambridge University Press, reprints	48 12
Canada Packers Ltd., meat	25 35
Canadian Industries Ltd., acids	261 78
Canadian Kodak Co., chemicals	49 41
Canadian Laboratory Supplies, chemicals, glassware, etc	1,424 61
Canadian Liquid Air Co., gas and rental of cylinders	51 66
Walter A. Carveth & Co., polarimeter, etc	125 00
R. H. Chappell, glassblowing	21 55
G. E. Charlton, dogs	20 00
Corbett-Cowley Ltd., laboratory coats	43 27
Bruce F. Crocker, dogs	21 00
Delamere, Williams Ltd., air conditioner	253 80
T. Eaton Co., casters, oil, battery, etc	31 58
J. F. Hartz Co., needles, catgut, etc	110 02
Journal of Biological Chemistry, subscription	14 06
Mead, Johnson & Co., cod liver oil and yeast	11 27
Merck & Co., chemicals	535 42

National Drug & Chemical Co., capsules and chemicals	34 10	
Photographic Service, slides	13 20	
Quinte Milk Products, casein and milk powder	28 71	
Richards Glass Co., culture tubes	11 00	
St. Lawrence Starch Co., starch	22 88	
Dr. I. A. Schoeller, chemical analysis	79 95	
Shawinigan Chemical Co., alcohol	64 55	
Toronto Elevator Co., feed	89 43	
Wholesale Radio Co., resistors and wire	42 40	
Wilson Scientific Co., chemicals and glassware	110 69	
Accounts under $10 (14)	59 63	
Sundry disbursements by department:		
Collecting expenses, $14.05; food supplies, $10.49; postage, $18.42; telegrams, etc., $18.53; sundries, $66.65	128 23	
Superintendent's Dept., freight, $42.48; labour, $48.45; material, $430.55	520 48	
Special equipment, autoclaves ($367.02):		
Central Scientific Co., autoclaves	361 12	
Jas. Morrison Brass Mfg. Co., safety valves	5 90	
	$5,319 78	
Less credits: Laboratory deposits, $319.08; sale of material, $349 94	669 02	
		$4,650 76

60. Physiology

Supplies:

Acme Farmers' Dairy, milk	$55 33
Ayerst, McKenna & Harrison Ltd., cod liver oil, etc.	21 07
Barchard & Co., sawdust	20 86
J. Blood, meat	18 45
W. E. Booth & Co., films and paper	14 72
British Drug Houses, acid	35 68
F. J. Burns & Co., frogs and turtles	31 86
Cambridge University Press, reprints	28 69
Canada Packers Ltd., meat	82 59
Canadian Fairbanks-Morse Co., hardware	310 52
Canadian General Electric Co., heater units	11 17
Canadian Industries Ltd., chemicals	67 09
Canadian Kodak Co., chemicals, etc.	37 70
Canadian Laboratory Supplies, chemicals, etc.	93 79
Canadian Liquid Air Co., gas and rent of cylinders	47 85
Canadian National Carbon Co., batteries	17 80
Carnahan's Ltd., chemicals	12 50
Central Scientific Co., chemicals, glassware, etc.	307 15
Warren E. Collins, soda, lime and chart paper	48 38
Consolidated Plate Glass Co., glass	15 24
Joseph Cooper Ltd., meat	34 62
E. Cullen, animals	113 50
T. Eaton Co., crocks, laboratory coats, gauze, provisions, etc.	362 35
J. A. Fontaine, frogs	40 00
General Motors Sales Corporation, frigidaire service	15 77
General Radio Co., radio parts	23 20
Ingram & Bell, chemicals, syringes, etc.	222 84
Arthur Jackson Machine Tool Co., stop watch repaired	12 63
Johnson, Matthey Co., chloride, etc.	39 90
Kelley Feed & Seed Co., feed	45 00
Langley, Harris & Co., dog biscuits	186 25
Mallinckrodt Chemical Works, chemicals	125 42
Mead, Johnson & Co., yeast powder	12 76
Pfansteihl Chemical Co., starch	34 53
Photographic Service, prints and slides	47 25
Postage	30 00
Presto-O-Lite Storage Battery Co., batteries	51 85
Rainbow Lantern Slide Co., slides	58 80
Robbins & Townsend, typewriter rental and inspection	17 60
Tordoff Electric Co., motor	13 00
Toronto Elevators Ltd., feed	11 00
Waverley Press, reprints	12 30
University Press, printing and stationery	146 83
Accounts under $10 (27)	128 21

Sundry disbursements by department:		
Laundry, $302.81; postage, telegrams, etc., $15.51; hardware and sundries, $51.68	370 00	
Superintendent's Dept., freight, $69.50; labour, $69.62; material, $282.20	421 32	
	$3,855 37	
Less credits: Charged to School of Nursing, $200; laboratory deposits, $31.75	231 75	
		$3,623 62

61. Hygiene and Preventive Medicine

Supplies and apparatus ($1,488.89):		
Art Metropole, micrometer	$10 00	
Walter A. Carveth & Co., microscope repairs	88 00	
Connaught Laboratories, chemicals, slides, vaccine, etc.	623 75	
General Biological Supply House, slides	16 07	
Gray Coach Lines, hire of coaches to Connaught Laboratories Farms	120 00	
Mimeograph Co., ink, paper and stencils	84 32	
Office Specialty Mfg. Co., steel cabinet and guides	12 91	
Ontario Laundry Co.	21 48	
Postage	16 00	
Screen & Sound Service, lantern slide cabinet and radio mats	39 25	
Harry R. Sparks, field work reports	57 56	
Wilson Scientific Co., culture tubes	19 11	
University Press, printing and stationery	259 89	
Accounts under $10 (11)	37 77	
Sundry disbursements by department	10 00	
Superintendent's Dept., freight, $1.43; labour, $49.83; material, $21.52	72 78	
Cleaner, Mrs. Ada Hall, 165½ days	413 75	
		$1.902 64

62. Medicine

Supplies and chemicals ($980.41):		
Acme Farmers' Dairy, milk	$24 65	
Allen Mfg. Co., laundry	35 18	
American Medical Association, reprints	79 21	
Beckett & Conroy, laboratory coats	10 90	
British Drug Houses, chemicals	33 30	
Canadian Packers Ltd., meat	34 59	
Canadian Dental Association, reprints	13 17	
Canadian Laboratory Supplies, chemicals and filter paper	132 32	
Corbett-Cowley Ltd., laboratory coats	10 10	
Wm. J. Dawson, reprints	15 17	
Ingram & Bell, chemicals, etc.	74 72	
Lea & Febiger, reprints	33 37	
Medical Research Dept., animals and maintenance	132 00	
C. V. Mosby Co., reprints	11 44	
C. F. Peters Ltd., paper	14 80	
Postage	10 00	
Ralston Purina Co., feed	16 84	
Geo. G. Renniker Co., reprints	14 17	
W. Lloyd Wood, vaccine	16 75	
University Press, printing and stationery	82 75	
Accounts under $10 (6)	34 38	
Sundry disbursements by department:		
Food supplies, $5.14; stationery, etc., $5.93; sundries, $16.91	27 98	
Superintendent's Dept., freight, $11.02; labour, $2.23; material, $109.37	122 62	
Apparatus ($298.82):		
Canadian Laboratory Supplies, glassware, etc.	30 53	
Ingram & Bell, glassware, chemicals, etc.	32 15	
Johnson, Matthey Co., dishes, etc.	23 64	
Photographic Service, slides	24 00	
Arthur H. Thomas Co., lactic acid apparatus	26 70	
Toronto General Hospital, slides, etc.	11 21	
Accounts under $10 (8)	42 53	
Superintendent's Dept., freight, 81c; labour, $79.53; material, $27.72	108 06	

Books and periodicals ($725.56):		
McAinsh & Co., reprints	26 20	
Thos. Nelson & Sons, renewal paper	15 17	
H. W. Purver, reprints	19 50	
University Press, printing and stationery	651 21	
Accounts under $10 (3)	13 48	
Laboratory cleaning ($501.20):		
Miss E. Bailey, 53 weeks, 1 day	334 95	
R. Wilson, 17½ weeks	166 25	
(Charged to Eaton Endowment)	$2.505 99	....

63. Paediatrics

Supplies and chemicals ($942.07):		
American Medical Association, reprints	$29 09	
Borden Co., milk powder	12 55	
British Drug Houses, chemicals	48 34	
Canadian Laboratory Supplies, glassware, etc	183 34	
Canadian Medical Association, reprints	11 40	
L. J. Cartwright, prints and slides	93 40	
Matheson Co., chemicals	38 84	
Mead, Johnson & Co., yeast powder	63 70	
C. V. Mosby Co., reprints	62 75	
Quinte Mill Products, casein	72 50	
St. Lawrence Starch Works, starch	13 13	
Wistar Institute of Anatomy and Biology, reprints	11 84	
University Press, printing and stationery	37 56	
Accounts under $10 (9)	48 94	
Sundry disbursements by department:		
Express and postage, $8.20; stationery, etc., $6.40; food supplies and sundries, $25.36	39 96	
Superintendent's Dept., freight, $33.13; labour, $8.35; material, $233.25	174 73	
Apparatus ($762.01):		
Aluminum Goods Ltd., dishes	30 00	
Art Metropole, oculars	11 76	
W. E. Booth Co., meter	16 00	
Breeding & Laboratory Institute, feeding jars	14 42	
Canadian Laboratory Supplies, glassware and chemicals	399 20	
Central Scientific Co., bottles	4 90	
Frober-Faybor Co., bio-photometer and stand	238 36	
Superintendent's Dept., labour, $28.87; material, $18.50	47 37	
	$1,704 08	
Less credits for sale of material	243 20	
(Charged to Eaton Endowment)	$1,460 88	....

64. Surgery

Supplies and apparatus ($868.87):		
Academy of Medicine, postcards and printing re meetings	$13 74	
Allen Mfg. Co., laundry	19 34	
Burke Electric & X-Ray Co., repairs	14 25	
Connaught Laboratories, maintenance of animals	22 95	
Corbett-Cowley Ltd., laboratory coats	64 95	
T. Eaton Co., photographic supplies	44 77	
Grand & Toy, stationery	13 90	
J. F. Hartz Co., chemicals, glassware, etc	19 05	
International Books Ltd., subscription	20 00	
Julian Sales Ltd., brief case	11 00	
Lockhart's Camera Exchange, films, plates, etc	37 23	
H. McCormick, preparing material for class work	15 00	
Medical Research Dept., animals	127 00	
Mimeograph Co., stencil paper	11 03	
C. V. Mosby Co., subscription	10 66	
Price Teller Machine Mfg. Co., nail driver and nails	54 51	
Seemor-Selmor System Ltd., showcase	20 79	
St. Michael's Hospital, surgical supplies	45 40	
Stephens Sales Ltd., paper and roller	22 80	

Taylor Instrument Co., instrument repairs	21 75	
Toronto General Hospital, surgical supplies	89 74	
W. R. Woodruff, mounts	15 15	
University Press, printing and stationery	58 29	
Accounts under $10 (15)	65 57	
Sundry disbursements by department:		
Stationery, telegrams, etc.. $12.98; sundries, $17.02	30 00	
Museum of Applied Anatomy ($221.10):		
Lockhart's Camera Exchange, plates, paper, synchronizer, etc.	177 24	
Pathology Dept., auto focus enlarger	20 00	
Accounts under $10 (3)	20 27	
Superintendent's Dept.. material	3 59	
		$1.089 97

65. OBSTETRICS AND GYNAECOLOGY

Supplies and apparatus:		
Ingram & Bell, X-Ray machine, slide boxes and repairs to model	$281 48	
Stephen Jones, films, etc.	65 00	
Office Specialty Mfg. Co.. cabinet and guides	57 98	
Photographic Service, lantern service and slides	15 00	
Postage	15 00	
W. R. Woodruff, copies of lectures	33 15	
University Press, printing and stationery	17 71	
Accounts under $10 (7)	45 56	
Superintendent's Dept., material	2 06	
		$532 94

66. OPHTHALMOLOGY

Supplies and apparatus:		
Thos. W. Andrews, typewriter repairs	$3 50	
		$3 50

67. OTO-LARYNGOLOGY

Supplies and apparatus:		
Central Scientific Co.. slide boxes	$11 31	
Connaught Laboratories, animals and maintenance	82 45	
Photographic Service. slides	30 00	
Accounts under $10 (6)	21 00	
		$144 76

68. THERAPEUTICS

Supplies and apparatus:		
Office Specialty Mfg. Co., slide cabinet	$78 00	
Postage	15 04	
Underwood-Elliott-Fisher Ltd., rebuilt typewriter	82 50	
University Press, printing and stationery	2 42	
		$177 96

69. PSYCHIATRY

Supplies and apparatus:		
Canadian Medical Association. reprints	15 00	
Geo. G. Renneker Co., reprints	14 17	
Accounts under $10 (2)	3 42	
	32 59	
Less credits for sale of reprints	6 20	
		$26 39

70. MEDICAL JURISPRUDENCE

(Nothing spent)

71. RADIOLOGY

Supplies and apparatus:		
Toronto General Hospital, X-Ray supplies	$1.000 00	
		$1.000 00

ART SERVICE

(a) Salaries:		
Miss M. T. Wishart, Director, $2.500 — $30	$2,470 00	
Miss D. Foster, Assistant Artist, $1,300 — $13.75	1.286 25	
(b) Expenses:		
Part-time assistance ($100):		
Miss E. Blackstock, 179 hours	89 50	
Miss A. Cartwright, 35 hours	10 50	

Supplies ($208.53):		
Art Metropole, table achro and drawing paper	56 09	
N. Hornyansky, copper plate	19 20	
Kern & Co., negocoll	33 32	
University Press, printing and stationery	24 20	
Accounts under $10 (3)	10 49	
Sundry disbursements by department:		
Laundry, $10.88; stationery, art supplies and sundries, $36.12	47 00	
Superintendent's Dept., labour, $7.45; material, $10.78	18 23	
	$4,064 78	
Less sundry credits	17 29	
		$4,047 49

73. General Expenses

Office supplies, stationery, printing, etc. ($1,923.44):		
Photographic Service, prints and slides	$86 46	
Postage	353 70	
Remington-Rand Ltd., tube inserts	26 25	
Robbins & Townsend, overhauling typewriters, etc., and inspection	62 50	
Simmons & Sons, funeral wreaths	50 00	
Trans-Canada Press, "Canadian Who's Who"	15 00	
Underwood-Elliott-Fisher Ltd., typewriter rental	10 00	
University Press, printing and stationery	942 41	
Accounts under $10 (10)	56 42	
Sundry disbursements by Secretary:		
Carefare and postage, $5.78; telegrams, etc., $13.89; sundries, $15.33	35 00	
Superintendent's Dept., labour, $20.94; material, $16.01	36 95	
Clerical assistance:		
Miss D. Waugh, 9 weeks (paid also $100 from Medical Research, Best Fund)	225 00	
Mrs. F. P. Lloyd, 5 hours	3 75	
A. McClary, messenger service, 2 weeks	20 00	
Publications, Callendar, Dean's Report, Medical Bulletin and Lister Lecture ($930.58):		
Postage	104 40	
University Press, printing and stationery	826 18	
Maintenance and equipment of Lecture Theatre ($23.34):		
Art Metropole, lens	1 81	
Superintendent's Dept., material	21 53	
Medals (36.41):		
Birks, Ellis, Ryrie Ltd., engraving	6 69	
John Pinches, medals	29 72	
Association of American Colleges:		
Membership fees	150 44	
		$3,064 21

74. Medical Building

Heat and light	$4,387 27	
Gas, water and occasional fuel ($1,628.83):		
Gas, $649.80; water, $922.56	1,572 36	
Central Coal Co.	56 47	
Caretaker's supplies:		
Superintendent's Dept., material	146 46	
Cleaning ($2,031.90):		
Advance Window Cleaning Co.	76 44	
Allen Mfg. Co., laundry	21 12	
Superintendent's Dept., labour	1,934 34	
Repairs and renewals ($3,054.22):		
"T.G." Engineering Sales, grates	$36 00	
Accounts under $10 (5)	32 03	
Superintendent's Dept., labour, $2,225.17; material, $761.02	2,986 19	
Caretaker, F. P. Mottram, 12 mos. (including attendance at Council meetings) $1,400 — $15	1,385 00	
	$12,633 68	
Less heat and light charged to Central Power Plant	4,387 27	
		$8,246 41

75. Banting Institute

Heat, Dept. of Public Works, Province of Ontario		$6,000 00	
Gas, $741.04; electric current, $4,785.22; water, $482.38		6,008 64	
Caretaker's supplies:			
Superintendent's Dept., material		453 54	
Cleaning ($5,197.33):			
Advance Window Cleaning Co.		107 80	
Allen Mfg. Co., laundry		57 36	
Superintendent's Dept., labour		5,032 17	
Repairs and renewals ($2.770.08):			
Canadian Ice Machine Co., repairs		35 31	
City Treasurer, elevator license		15 00	
Accounts under $10 (4)		23 01	
Superintendent's Dept., labour, $2,106.53; material, $590.23		2,696 76	
Caretaker, H. L. Vickery, 12 mos., $1,500 — $16.25; (and overtime, $12.00)		1,483 75	
		$21.913 34	
Less credit for cleaning, etc.		78 85	
			$21.834 49

76. Anatomical Building

Heat and light		$2,265 96	
Gas, $18; water, $45.92		63 92	
Caretaker's supplies:			
Superintendent's Dept., material		259 68	
Cleaning ($1,800.22):			
Advance Window Cleaning Co.		34 30	
Allen Mfg. Co., laundry		21 48	
Superintendent's Dept., labour		1,744 44	
Repairs and renewals ($675.78):			
Art Window Shade Co., shades		65	
City Treasurer, elevator license		10 00	
Johnson Temperature Regulating Co., repairs		11 88	
Superintendent's Dept., labour, $493.14; material, $160.11		653 25	
Caretaker, M. J. Shepherd, 12 mos., $1,400 — $15		1,385 00	
		$6,450 56	
Less heat and light charged to Central Power Plant	$2,265 96		
Credit for cleaning	5 00		
		2,270 96	
			$4,179 60

77. Hygiene Building

Heat and light		$13,857 23	
Gas, $1,041.68; water, $2,552.71		3,594 39	
Caretaker's supplies:			
Superintendent's Dept., material		688 69	
Cleaning ($7,555.77):			
Allen Mfg. Co., laundry		69 60	
Toronto Window Cleaning Co.		60 00	
Superintendent's Dept., labour		7,426 17	
Repairs and renewals ($2,012.31):			
Art Window Shade Co., repair		75	
City Treasurer, elevator license		20 00	
Italian Mosaic & Tile Co., tiling		50 95	
Johnson Temperature Regulating Co., repairs		19 64	
Superintendent's Dept., labour, $1,440.33; material, $480.64		1.920 97	
Caretaker, J. Irwin, 12 mos., $1,400 — $15; (and overtime, $10.50)		1,385 00	
		$29,093 39	
Less heat and light charged to Central Power Plant	$13,857 23		
Credits for cleaning, and for share of gas, water and electric current	5.800 06		
		19,657 29	
			$9.436 10

Charged to Revenue, 1936-37	$333.425 76
Charged to Eaton and Rockefeller Funds	82,963 83
	$416.389 59

VII. SCHOOL OF HYGIENE

78. SALARIES

(1) Administration:		
J. G. Fitzgerald, Director, @ $5,000 (on leave of absence without salary from 1 Oct.) $1,250 — $19.38	$1,230 62	
J. Craigie, Secretary (paid also $495 as Assistant Professor (see below) and in Connaught Laboratories) $500 — $5	495 00	
Keith M. Kerns, Office Assistant (part time — paid also $350 as Laboratory Assistant — see below)	350 00	
(2) Epidemiology and Biometrics:		
R. D. Defries, Associate Director, School of Hygiene, and Professor of Hygiene and Epidemiology (see also Department of Hygiene) $2,500 — $30	2,470 00	
N. E. McKinnon, Associate Professor, Hygiene and Epidemiology (paid also in Connaught Laboratories) $1,000 — $10	990 00	
J. Craigie, Assistant Professor, Epidemiology (see Administration above) $500 — $5	495 00	
Lecturers (Sessional):		
Miss Mary A. Ross, Biometrics, $2,400 — $28.50	2,371 50	
A. E. Berry, Public Health Engineering (see also Civil Engineering: Municipal and Structural) $500 — $5.45	494 55	
Special Lecturers (Sessional):		
F. Adams	26 45	
R. E. Holmes	22 85	
D. V. Currey	20 00	
K. F. Brandon, Fellow, Epidemiology, @ $2,000, 5 mos. to 30 Nov. (resigned) $833.33 — $9.37	823 96	
Clinical Associates, Epidemiology (Sessional — part time):		
J. T. Phair (paid also $40 in School of Nursing and $10 for Extension Work)	300 00	
A. L. McKay	250 00	
A. H. Sellers, Demonstrator, Biometrics (Sessional — paid also in Connaught Laboratories) $350 — $3.50	346 50	
Laboratory Assistants, Biometrics:		
S. Raven	890 00	
Miss S. R. McCausland	768 00	
Walter Moore	660 00	
Keith M. Kerns (see also above)	350 00	
Robert Randall, Secretary, $1,050 — $10.63	1,039 37	
(3) Physiological Hygiene:		
C. H. Best, Acting Head of Department (without salary — see also Department of Physiology)	....	
Assistant Professors (paid also in Connaught Laboratories):		
D. L. McLean, $2,900 — $36	2,864 00	
E. W. McHenry, $1,100 — $11.25	1,088 75	
J. G. Cunningham, Lecturer, Industrial Hygiene (Sessional)	1,000 00	
Research Associates:		
H. M. Barrett, $2.600 — $31.50	2.568 50	
Mrs. Ruth C. Partridge, @ $2.100 of which $1,100 charged to Medical Research, Best Fund, $1.000 — $12.75	987 25	
Research Assistants:		
Miss E. G. Gavin, $1,600 — $17.50	1,582 50	
A. P. Hands, Industrial Hygiene, 7 mos.	400 00	
Miss E. L. Mahon, Secretary, $1,200 — $12.50	1,187 50	
C. R. Cowan, Senior Technical Assistant, @ $1,900, of which $400 charged to Medical Research, Best Fund, $1,500 — $17.25	1,482 75	
Technical Assistants:		
W. Staples	950 00	
Miss N. Thompson	850 00	
J. Scattergood (paid also $42.81 from Medical Research, Best Fund)	500 00	
C. L. Skelding (paid also $250 from Medical Research, Best Fund)	500 00	
(4) Chemistry in Relation to Hygiene:		
P. J. Moloney, Associate Professor (paid also in Connaught Laboratories) $4,000 — $57.50	3.942 50	
Miss E. M. Taylor, Demonstrator (part time — Sessional; paid also in Connaught Laboratories) $500 — $5	495 00	
Miss M. D. Smith, Class Assistant (part time — Sessional; paid also in Connaught Laboratories) $200 — $2	198 00	
Carlton Marter, Secretary and Technical Assistant	540 00	
George Kimm, Technical Assistant	780 00	
		$36.310 55

79. Maintenance of Department

(1) Administration ($596.06):		
Canadian Public Health Association, advertising	$39 51	
Postage	30 00	
Telephone service	388 80	
University Press, printing and stationery	118 82	
Accounts under $10 (3)	18 93	
(2) Epidemiology and Biometrics ($434.31):		
Canadian Public Health Association, reprints, etc.	17 38	
John W. Garlock, paper cutter	15 30	
International Business Machines, maintenance service	30 20	
Mimeograph Co., stencils, paper, etc.	70 18	
Postage	40 00	
Screen & Sound Service, cabinet	37 00	
University Press, printing and stationery	195 13	
Accounts under $10 (6)	29 12	
(3) Physiological Hygiene ($417.84):		
Canadian Kodak Co., chemicals	23 78	
Connaught Laboratories, animals, glassware, etc.	357 95	
Accounts under $10 (5)	20 30	
Superintendent's Dept., labour, $7; material, $8.81	15 81	
(4) Chemistry in Relation to Hygiene ($716.66):		
British Drug Houses, chemicals, etc.	28 38	
Central Scientific Co., glassware, etc.	34 70	
R. H. Chappell, glassblowing	45 25	
Mimeograph Co., paper	12 15	
Wilson Scientific Co., chemicals and glassware	299 12	
University Press, printing and stationery	18 00	
Accounts under $10 (2)	6 12	
Cleaner, Mrs. Ada Hall, 97 days	242 50	
Sundry disbursements by department	10 00	
Superintendent's Dept., freight, .09c; labour, $12.78; material, $7.57	20 44	
	$2,164 87	
Paid by School of Nursing	400 00	
		$1,764 87
(Charged to Rockefeller Fund, Hygiene)		$38.075 42

VIII. FACULTY OF APPLIED SCIENCE

80. Salaries

Dean's Office

C. H. Mitchell, Dean, $6,000 — $102.50	$5.897 50	
		$5.897 50

Electrical Engineering

H. W. Price, Professor, $5,500 — $90	$5,410 00	
A. R. Zimmer, Associate Professor, $4.200 — $61.50	4.138 50	
Assistant Professors:		
V. G. Smith, $3,450 — $46.50	3.403 50	
B. deF. Bayly, $2.850 — $35.25	2.814 75	
R. J. Brown, Lecturer (Sessional) $1,900 — $21.25	1,878 75	
J. E. Reid, Instructor (Sessional) $1,500 — $16.25	1.483 75	
Demonstrators (Sessional):		
J. W. Bell, $1,050 — $10.63	1,039 37	
C. A. Norris, $1,050 — $10.63	1.039 37	
E. A. Ricker, $1,050 — $10.63	1,039 37	
R. E. Santo	1.000 00	
S. H. Galloway	950 00	
A. U. Houle	950 00	
W. B. Morrison	950 00	
J. W. Lawson, Mechanician, $2,000 — $22.50	1,977 50	
W. R. McKee, Electrician, $2.000 — $22.50	1,977 50	
W. L. Bakewell, Assistant Electrician, $1,050 — $10.63	1.039 37	
Office Assistant and Librarian:		
Mrs. G. E. Hammersley, @ $1.150, of which half charged to Civil Engineering: Municipal and Structural, 2 mos. to 31 Aug. (resigned) $95.84 — $1.00	94 84	
Miss H. L. Redmond, @ $1.000, of which half charged to Civil Engineering: Municipal and Structural, 10 mos. from 1 Sept.	416 66	
		$31.603 23

Mechanical Engineering

Professors:		
R. W. Angus, $6,000 — $102.50	$5,897 50	
E. A. Allcut (paid also $420 for Extension Work) $4,500 — $67.50	4,432 50	
Ross Taylor, Associate Professor, $3,600 — $49.50	3,550 50	
W. G. McIntosh, Assistant Professor, $3,300 — $43.50	3,256 50	
Lecturers (Sessional):		
G. R. Lord, $2,350 — $27.75	2,322 25	
T. C. Graham, $1,950 — $21.88	1,928 12	
R. C. Wiren, $1,800 — $20	1,780 00	
G. H. Hally, $1,800 — $20	1,780 00	
Demonstrators, Thermodynamics (Sessional):		
F. G. Ewens (paid also $862.50 in Special Research — resigned 15 Apr.) $1,114.30 — $16.52	1,097 78	
C. G. Campbell	1,000 00	
E. B. McRobie (resigned 31 Dec.)	428 57	
C. A. Miller, 4 mos. from 1 Jan.	571 00	
Demonstrators, Hydraulics (Sessional):		
E. G. Gallagher	1,000 00	
J. V. Kurtz	1,000 00	
W. R. Sirman (resigned 31 Mar.)	857 15	
T. J. Brant, 3½ mos. from 8 Jan. (paid also $550 in Special Research)	507 50	
S. C. D. Lawson, Demonstrator, Machine Design (Sessional) $1,150 — $11.88	1,138 12	
F. Hickey, Engineer and Machinist, $2,000 — $22.50	1,977 50	
Edward Johnson, Assistant Machinist, 1,140 hrs. @ 70c	798 00	
Earl Burt, Fireman, 1,528 hrs. @ 50c	764 00	
W. Odd, Laboratory Attendant, $1,200 — $12.50	1,187 50	
Miss M. Burt, Office Assistant and Librarian, $1,100 — $11.25	1,088 75	
		$38,363 24

Civil Engineering: Municipal and Structural

Professors:		
C. R. Young, Civil Engineering, $5,500 — $90	$5,410 00	
T. R. Loudon, Applied Mechanics, $4,900 — $75.50	4,824 50	
Lecturers (Sessional):		
C. F. Morrison, $2,400 — $28.50, Civil Engineering	2,371 50	
W. L. Sagar, $2,400 — $28.50, Civil Engineering	2,371 50	
M. J. C. Lazier, Applied Mechanics, $2,300 — $27	2,273 00	
A. E. Berry, Special Lecturer, Municipal Engineering (Sessional — paid also $494.55 in School of Hygiene) $1,000 — $10.80	989 20	
C. E. Helwig, Demonstrator (Sessional) $1,200 — $12.50	1,187 50	
W. Kubbinga, Mechanician	1,000 00	
J. Brown, Laboratory Assistant, 10 mos., $1,100 — $11.25	1,088 75	
Office Assistant and Librarian (see also Electrical Engineering):		
Mrs. G. E. Hammersley, 2 mos. to 31 Aug. (resigned) $95.84 — 98c	94 86	
Miss H. L. Redmond, 10 mos. from 1 Sept.	416 66	
		$22,027 47

Civil Engineering: Surveying and Geodesy

W. M. Treadgold, Professor (paid also $562.50 for Summer Camp) $4,500 — $67.50	$4,432 50	
Associate Professors:		
S. R. Crerar (paid also $500 for Summer Camp) $4,000 — $57.50	3,942 50	
E. W. Banting (paid also $475 for Summer Camp) $3,800 — $53.50	3,746 50	
J. W. Melson (paid also $450 for Summer Camp) $3,600 — $49.50	3,550 50	
T. L. Rowe, Instructor (Sessional — paid also $100 for Summer Camp) $1,400 — $15	1,385 00	
E. V. Tidman, Demonstrator, 3 mos.	375 00	
C. T. Harding, Mechanician, @ $875, of which $450 charged to Applied Physics (paid also $249.75 in Special Research) $425 — $4.40	420 60	
Miss R. Cave, Office Assistant and Librarian, @ $1,225, of which $500 charged to Applied Physics and $100 to Photographic Service) $625 — $6.52	618 48	
		$18,471 08

Mining Engineering

H. E. T. Haultain, Professor, $6,000 — $102.50	$5,897 50	
Associate Professors:		
F. C. Dyer, $4,000 — $57.50	3,942 50	
J. T. King, $4,000 — $57.50	3,942 50	

S. E. Wolfe, Instructor (Sessional) $1,700 — $18.75	1,681 25	
Demonstrators (Sessional):		
S. A. J. Hopper, $1,100 — $11.25	1,088 75	
L. F. Gauvreau (paid also $150 in Special Research)	1,000 00	
E. Tozer, Laboratory Assistant and Mechanician, $1,400 — $15	1,385 00	
C. Waybrant. Laboratory Attendant, Assaying, $1,250 — $13.12	1.236 88	
H. J. Reilly, Assistant Mechanician, 32 weeks from 1 Sept.	960 00	
Laboratory Helpers @ $12.50 per week:		
D. Edwards, 27 weeks	337 50	
C. Rickard, 27 weeks	337 50	
Office Assistant and Librarian @ $1,100 per annum:		
Miss V. A. Jordan, 3 mos. to 30 Sept. (resigned) $275 — $2.81	272 19	
Miss J. Bradshaw, 9 mos. from 1 Oct.. $825 — $8.44	816 56	
Miss L. Graydon, 3 weeks @ $20	60 00	
		$22,958 13

Metallurigcal Engineering

G. A. Guess, Professor, $5,700 — $95	$5,605 00	
Associate Professors:		
J. A. Newcombe (paid also $360 for Extension Work) $3,600 — $49.50	3,550 50	
R. J. Montgomery, Ceramics, $3,600 — $49.50	3.550 50	
J. E. Toomer, Assistant Professor, $3,450 — $46.50	3,403 50	
Hector Ross Laboratory Attendant, 10 mos. (paid also $40 as Messenger)	650 00	
Miss V. M. Johnston, Office Assistant and Librarian, 21 Sept. to 31 May @ $65 per month, of which 3/5ths charged to Secretary's Office	218 00	
		$16,977 50

Chemical Engineering and Applied Chemistry

Professors:		
J. Watson Bain, Chemical Engineering, $5.500 — 90	$5,410 00	
M. C. Boswell, Organic Chemistry, $4,900 — $75.50	4,824 50	
E. G. R. Ardagh. Applied Chemistry, $4,500 — $67.50	4.432 50	
Assistant Professors:		
E. A. Smith. Chemical Engineering, $3,250 — $42.50	3,207 50	
R. R. McLaughlin, Applied Chemistry, $2,950 — $36.75	2,913 25	
A. M. FitzGerald, Instructor (Sessional) $1,600 — $17.50	1.582 50	
Senior Demonstrators (Sessional):		
G. P. Beal (paid also $150 in department and $150 in Special Research) $1,300 — $13.75	1.286 25	
J. G. Breckenridge (paid also $100 in department) $1,200 — $12.50	1.187 50	
W. C. Macdonald (paid also $150 in department) $1.200 — $12.50.	1,187 50	
Demonstrators (Sessional):		
W. H. Bowman (paid also $445.50 in Special Research) $1,150 — $13	$1,137 00	
G. T. Eaton, $1,150 — $11.88	1,138 12	
G. V. Jansen (paid also $445.50 in Special Research) $1,150 — $13	1.137 00	
W. H. Rapson (paid also $445.50 in Special Research) $1,050 — $11.75	1,038 25	
H. Boeschenstein, Instructor, Technical German (Sessional — part time; see also German) $700 — $8.40	691 60	
A. S. Hunt, Lecture Assistant and Glassblower, $1,600 — $17.50	1.582 50	
F. Westhead, Laboratory Assistant, $1,100 — $11.25	1,088 75	
M. L. Hammond, Lecture Assistant	950 00	
Laboratory Attendants @ $10 to $15 per week:		
T. Storton, 52 weeks, 1 day	782 50	
J. Seymour, 42½ weeks	467 50	
E. Livingston, 29½ weeks	325 00	
Kitchener Haste, 24 weeks	240 00	
R. Overholt. 7 weeks	70 00	
R. Obee, 3 weeks	30 00	
Special Lecturers (Sessional):		
T. Linsey Crossley, Pulp and Paper	100 00	
A. V. DeLaporte, Sanitary Chemistry	100 00	
Miss D. Birkett, Office Assistant and Librarian, @ $1,200, of which $200 charged to Secretary's Office. $1,000 — $10.10	989 90	
		$37,899 62

School of Architecture

Professors:		
H. H. Madill, $4,500 — $67.50	$4,432 50	
E. R. Arthur, Architectural Design, $4,300 — $63.50	4,236 50	
H. J. Burden, Assistant Professor, $3,000 — $37.50	2,962 50	
W. E. Carswell, Lecturer (Sessional) $2,350 — $27.75	2,322 25	
Miss J. C. Laing, Librarian and Instructor, Architectural History and French, $1,850 — $20.63	1,829 37	
Instructors (Sessional — part time):		
C. W. Jefferys, Painting (paid also $40 from University Press) $1,500 — $16.25	1,483 75	
F. Coates, Modelling	950 00	
Mackenzie Waters, Special Instructor, Architectural Design, 6 mos.	1,000 00	
Special Lecturers (Sessional — part time):		
A. S. Mathers, 7 mos.	900 00	
W. S. Wilson, Architectural Economics (see also Secretary's Office) $250 — $5	245 00	
A. Wardell, Heating and Ventilation (see also Engineering Drawing) $200 — $2.40	197 60	
H. B. Dunington-Grubb, Landscape Architecture	200 00	
G. A. Arksey, Attendant in Drafting Rooms, 8 mos.	800 00	
Miss E. W. Dyer, Office Assistant, @ $780 for 9 mos., of which $330 charged to Engineering Drawing	450 00	
		$22,009 47

Engineering Drawing

J. R. Cockburn, Professor, Descriptive Geometry (paid also $10 for Senate Elections) $4,900 — $75.50	$4,824 50	
Associate Professors:		
W. J. Smither, Structural Engineering, $4,000 — $57.50	3,942 50	
W. J. T. Wright (paid also $295.68 as Special Lecturer, Technical English) $3,900 — $57.18	3,842 82	
Assistant Professors:		
W. B. Dunbar, $2,700 — $33	2,667 00	
A. Wardell, @ $2,700, of which $200 charged to School of Architecture, $2,500 — $30.60	2,469 40	
Lecturers (Sessional):		
P. V. Jermyn, $2,400 — $28.50	2,371 50	
J. J. Spence, $1,950 — $21.88	1,928 12	
Instructors (Sessional):		
R. M. Clark, $1,475 — $15.92	1,459 08	
G. R. Edwards, $1,475 — $15.92	1,459 08	
Demonstrators (Sessional):		
J. M. Carswell, $1,375 — $14.70	1,360 30	
M. B. Watson, $1,100 — $11.25	1,088 75	
F. T. Taylor	1,000 00	
G. Brown, Attendant in Drafting Rooms, 9 mos., $1,100 — $11.25	1,088 75	
Miss E. W. Dyer, Office Assistant (see also School of Architecture)	330 00	
		$29,831 80

Applied Physics

K. B. Jackson, Assistant Professor, $3,250 — $42.50	$3,207 50	
Instructors (Sessional):		
C. A. Booth, $1,500 — $16.25	1,483 75	
V. L. Henderson, $1,500 — $16.25	1,483 75	
Demonstrators:		
W. J. Jackson, $1,300 — $13.75	1,286 25	
L. E. Jones, 3 mos.	550 00	
D. H. Hamly (part time — paid also $519.50 in Botany and $378.60 Special Research) $350 — $3.60	346 40	
Miss R. Cave, Office Assistant and Librarian (see also Civil Engineering: Surveying and Geodesy) $500 — $5.30	494 70	
C. T. Harding, Mechanician (see also Civil Engineering: Surveying and Geodesy) $450 — $4.65	445 35	
		$9,297 70

Special Lectures

Special Lecturers (Sessional):		
R. R. Grant, Accountancy and Business (paid also $400 for Extension Work)	300 00	
R. E. Laidlaw, Engineering Law	250 00	

W. J. T. Wright, Technical English (see also Engineering Drawing) $300 — $4.32	295 68	
F. H. Kirkpatrick, Public Speaking (paid also $200 for Extension Work)	250 00	
		$1,095 68

Secretary's Office

W. S. Wilson, Secretary (paid also $245 in School of Architecture) $3,100 — $39.50	$3,060 50	
Miss E. Birkett, Assistant Secretary, $1,600 — $17.50	1,582 50	
Miss M. Fenton, Assistant, $1,150 — $11.88	1,138 12	
Stenographers:		
Miss D. Birkett (see also Chemical Engineering) $200 — $2.40	197 60	
Miss V. M. Johnston (see also Metallurigcal Engineering)	327 00	
		$6,305 72
		$262,738 14

81. ELECTRICAL ENGINEERING

Supplies ($2.377.94):		
Aikenhead Hardware Ltd., hardware	$117 96	
Allegheny Steel Co., stampings	164 60	
Aluminum Co., metal	87 90	
B. C. Ames & Co., gauge	13 84	
Canada Metal Co., solder	11 70	
Canada Wire & Cable Co., wire	51 55	
Canadian Durex Abrasives, Ltd., water-proof paper	10 02	
Canadian General Electric Co., mirrors and carbons	42 66	
Canadian Industries Ltd., dues	23 65	
Canadian Laboratory Supplies, glassware	17 46	
Canadian National Carbon Co., batteries and carbons	98 65	
Canadian Westinghouse Co., tubes and radiotrons	24 21	
Darnell Corporation, casters	19 47	
Diamond State Fibre Co., tubing, panels, etc	34 98	
Dominion Carbon Brush Co., brushes	20 21	
Driver-Harris Co., wire	149 76	
T. Eaton Co., brushes and sheeting	24 41	
Electric Insulation & Fibre Co., insulating paper	30 63	
Exide Batteries of Canada, batteries and plates	106 70	
Garage Supply Co., spray gun	10 00	
General Radio Co., condensers and resistors	289 52	
D. Gestetner Ltd., stencils	11 30	
George Gorton Machine Co., tools	16 13	
Hammond Mfg. Co., transformers	19 60	
Leeds & Northrup Co., posts and shield caps	86 98	
Peckover's Ltd., steel	30 18	
Phillips Electrical Works, wire	58 47	
Photographic Service, prints, slides, etc	25 52	
Postage	17 00	
Pratt, Whitney Co., drills and taps	35 61	
Sangamo Co., motor repairs	31 10	
Weston Electric Instrument Corporation, terminals, etc	36 78	
Wholesale Radio Co., radio parts	109 90	
Worr Foundry, castings	16 98	
University Press, printing and stationery	50 38	
Accounts under $10 (21)	108 97	
Sundry disbursements by department:		
Hardware, $15.42; stationery, etc., $6.54; sundries, $5.49	27 45	
Superintendent's Dept., freight, $54.36; labour, $167.22; material, $124.13	345 71	
Apparatus ($501.83):		
General Radio Co., condensers	119 64	
Leeds & Northrup Co., ratio box, etc	160 23	
Weston Electric Instrument Corporation, ammeters, transformers, etc.	214 62	
Accounts under $10 (2)	7 34	
Furniture, printing and incidentals:		
University Press	97 41	
	$2.977 18	
Less credit from laboratory deposits	49 85	
		$2,927 33

82. MECHANICAL ENGINEERING

Supplies ($633.03):		
Aikenhead Hardware Ltd., hardware	117 74	
Canadian General Electric Co., rheostat	10 70	
Canadian Laboratory Supplies, glassware, etc.	31 65	
Central Scientific Co., rheostats	10 20	
Arthur S. Leitch, indicator spring	18 75	
McColl-Frontenac Oil Co., oil grease	64 02	
Postage	24 00	
Scythes & Co., polish cotton	18 74	
Thomason-Gordon Ltd., packing	34 51	
Accounts under $10 (6)	30 70	
Sundry disbursements by department	10 00	
Superintendent's Dept., labour, $65.90; material, $196.12	262 02	
Apparatus — Thermodynamics and Aerodynamics ($182.18):		
American Society of Mechanical Engineers, text books, etc.	19 17	
Taylor Instrument Co.	24 57	
Worr Foundry, grate bars	75 10	
Superintendent's Dept., freight, 57c; labour, $43.30; material, $19.47	63 34	
Apparatus — Hydraulics ($161.17):		
Dominion Bridge Co., plates and angles	30 24	
Monarch Belting Co., belting	32 25	
Sheldon's Ltd., exhauster	50 03	
Trane Co., coils	48 02	
Superintendent's Dept., freight	63	
Proportion of fuel for Experimental Plant:		
P. Burns & Co.	884 53	
Furniture, printing and incidentals ($148.52):		
Johnson Office Furniture Co., book case	18 00	
Photographic Service, blue-prints	21 31	
University Press	109 21	
	$2,009 43	
Less credits: Laboratory deposits, $2.30; sale of material, $79.85	82 15	
		$1,927 28

83. CIVIL ENGINEERING: MUNICIPAL AND STRUCTURAL

Supplies ($482.37):		
Aikenhead Hardware Ltd., hardware	$36 71	
Baldwin, Southwark Corporation, arms targets	47 74	
Photographic Service, blue-prints	31 07	
Postage	36 00	
University Press, printing and stationery	183 70	
Accounts under $10 (9)	55 71	
Superintendent's Dept., freight, $12.47; labour, $14.21; material, $64.76	91 44	
Apparatus ($599.40):		
American Machine & Metals Inc., machine grips	62 28	
B. C. Ames & Co., gauges	112 89	
Canadian Fairbanks-Morse Co., scale	124 85	
Dominion Bridge Co., testing frame, etc.	114 59	
Garage Supply Co., jacks	11 42	
Hamilton Gear Machine Co., spur	26 00	
McBain Foundry, weights	40 75	
Norton Co., discs	11 35	
Thos. Pocklington Co., sieves	17 00	
Sully Brass Foundry, castings	17 33	
Accounts under $10 (5)	25 94	
Superintendent's Dept., labour, $25.73; material, $9.27	35 00	
	$1,081 77	
Less credits for sale of manuels	15 40	
		$1,066 37

84. CIVIL ENGINEERING: SURVEYING AND GEODESY

Supplies ($405.19):		
Aikenhead Hardware Ltd., hardware	$49 68	
Art Metropole, steel tapes and folding rules	190 93	
Thos. Pocklington Co., transit repairs	18 80	
Receiver-General of Canada, prints	41 88	
University of Toronto Engineering Society, field books and supplies	47 10	
Accounts under $10 (4)	22 24	

Sundry disbursements by department	10 00	
Superintendent's Dept., freight, $7.28; labour, $3.30; material, $13.98	24 56	
Apparatus:		
Receiver-General of Canada, transits	375 00	
Summer Survey Camp — Equipment and Improvements ($172.97):		
Gurney Foundry Co., range	82 08	
J. E. Minto, boat and wharf repairs	63 65	
A. R. Moore, lumber for wharf	27 24	
Summer Survey Camp — Maintenance ($4,494.70):		
Instructional Staff ($2,467.65):		
W. M. Treadgold, services, $562.50; living expenses, $65.95; travelling expenses, $20; supplies, $1.60	650 05	
S. R. Crerar, services, $500; living expenses, $42.50; travelling expenses, $20; supplies, $2.60	565 10	
E. W. Banting, services, $475; living expenses, $68.75; travelling expenses, $20	563 75	
J. W. Melson, services, $450; living expenses, $68.75; travelling expenses, $20	538 75	
T. L. Rowe, services, $100; living expenses, $50	150 00	
Sundry expenses ($1,332.05):		
Harvey Barker, meat	14 40	
Britnell's Bakeries, bread	30 85	
Coleman Lamp & Stove Co., mantles and generators	16 40	
T. Eaton Co., oilcloth, dishes, etc.	79 31	
A. Fisher, vegetables	71 65	
Hewitt Bros., express and cartage	63 15	
A. Langdon, stakes	12 15	
W. A. Lindop, gas and oil	54 95	
Loblaw Groceterias, provisions	607 61	
Mrs. J. E. Minto, milk	72 00	
T. L. Rowe, cartage	25 00	
Mrs. J. C. Turnbull, milk	49 00	
S. W. Welch, provisions and hardware	109 90	
Accounts under $10 (3)	4 60	
Superintendent's Dept., freight, $2.77; labour, $22.53; material, $95.78	121 08	
Payments to help ($695):		
J. E. Minto, caretaker, 12 mos., $240; ice supply, $35; cutting wood, $75	350 00	
Mrs. J. E. Minto, cook	325 00	
D. Campbell, making fires	10 00	
R. Hewitt, making fires	10 00	
	$5,447 86	
Less credits: Board at Summer Camp, $1,494.75; laboratory deposits, $283	1,777 75	
		$3,670 11

85. Mining Engineering

Supplies ($1,967.30):	
Aikenhead Hardware Ltd., hardware	$74 03
Birks, Ellis, Ryrie Ltd., repairs to stop watches	11 50
Canadian Industries Ltd., acids	19 46
Canadian Laboratory Supplies, chemicals, glassware, etc.	263 53
Central Scientific Co., chemicals, glassware, etc.	117 78
Codex Book Co., graph paper	10 14
Denver Fire Clay Co., chemicals, etc.	208 64
T. Eaton Co., stools, step-ladder, utensils, etc.	63 70
Fletcher, Russel & Co., furnace parts	94 98
Goodyear Tire & Rubber Co., rubber belting	22 99
A. S. Hunt, glassware repairs	12 25
Imperial Oil Ltd., fuel oil	29 85
Johnson, Matthey & Co., alloys and silver foil	38 93
Morgan Crucible Co., scorifiers	71 07
Ontario Rubber Co., sheet rubber and tubing	24 40
Postage	40 00
Railway Power Engineering Corporation, cement	10 00
Robbins & Townsend, typewriter inspection	21 00
Sturtevant Mill Co., discs	16 67
W. S. Tyler Co., blotting paper and screens	23 84
University Press, printing and stationery	303 45

Accounts under $10 (13)	55 40	
Sundry disbursements by department:		
Carfare, $6.25; hardware, $8.27; stationery, $21.39; sundries, $10.82	46 73	
Superintendent's Dept., freight, $111.06; labour, $90.39; material, $185.51	386 96	
Apparatus ($2,538.48):		
Aikenhead Hardware Ltd., hardware	36 29	
Wm. Ainsworth & Son, weights	14 30	
Baird & Tatlock, balance	196 93	
Walter A. Carveth & Co., photomicrographic outfit	644 80	
Central Scientific Co., balances, etc.	775 08	
Corman Engineering Co., electric cast mills	64 80	
Denver Fire Clay Co., crucibles, lead, etc.	34 75	
T. Eaton Co., linoleum	36 77	
Gas Accumulator Co., lenses, magnifier, etc.	25 00	
Leland Electric Ltd., motors	169 45	
Lyman Tube & Supply Co., steel tube	10 19	
W. R. McKee, prometer repairs	19 85	
North American Cyanamid Ltd., flotation machine	85 00	
Ronald & Coventry, pulleys, gears, etc.	42 78	
Schatz Mfg. Co., ball bearings	13 22	
Thompson Balance Co., assay weights	120 21	
Toronto Welding Co., castings	12 00	
W. S. Tyler Co., testing sieves	139 28	
Accounts under $10 (2)	9 21	
Superintendent's Dept., labour, $56.39; material, $32.18	88 57	
	$4,505 78	
Less credits: Part payment of photomicrographic outfit by Prof. Haultain, $250; laboratory deposits, $171.35; sale of material, $10	431 35	
		$4,074 43

86. Metallurgical Engineering

Supplies ($413.62):		
Bausch & Lomb Optical Co., carbons, springs, etc.	$12 78	
Canadian Industries Ltd., acids	65 41	
Canadian Laboratory Supplies, chemicals, glassware, etc.	134 95	
Eastman Photographic Stores, plates and papers	64 74	
Fisher Scientific Co., abrasive powder	12 42	
University Library, replacement of books lost	16 30	
University Press, printing and stationery	18 96	
Accounts under $10 (10)	50 16	
Superintendent's Dept., freight, $1.50; labour, $18.25; material, $18.15	37 90	
Apparatus ($661.33):		
Art Metropole, micro lamps	58 80	
Adolph I. Buchler, polishing machine	127 48	
Canadian Laboratory Supplies, crucibles, etc.	55 96	
Canadian Liquid Air Co., gas	11 00	
Walter A. Carveth & Co., microscope parts	190 50	
Ontario Research Foundation, ball bearings	15 96	
Superintendent's Dept., freight, $5; labour, $116.19; material, $80.44	201 63	
	$1,074 95	
Less credit for sale of material	19 06	
		$1,055 89

87. Chemical Engineering and Applied Chemistry

Supplies ($7,459.17):		
Armstrong Cork & Insulation Co., corks	$59 14	
British Drug Houses, chemicals, etc.	172 32	
Canadian Hanson & Van Winkle Co., chemicals	11 00	
Canadian Industries Ltd., chemicals	949 38	
Canadian Kodak Co., chemicals	83 28	
Canadian Laboratory Supplies, glassware, tubing and chemicals	2,329 67	
Canadian Liquid Air Co., rental of cylinders and gas	109 77	
Central Scientific Co., glassware, etc.	580 71	
Consumers' Gas Co., gas meter rental	12 50	
Dominion Oxygen Co., rental of cylinders and gas	55 58	
O. W. Herzberg, acids and chemicals	175 95	
Ingram & Bell, gylcerine, etc.	13 63	

Johnson, Matthey Co., platinum wire	13 95	
Lake Simcoe Ice & Fuel Ltd., ice	49 42	
Liquid Carbonic Canadian Corporation, gas	18 00	
McIntyre & Taylor, tripods, plates, etc	77 00	
W. R. McKee, motor repairs	25 05	
Merck & Co., chemicals, etc	424 49	
Milton-Thompson Electric Co., motor	27 50	
National Stationers Ltd., paper, carbons, etc	30 25	
Nichols Chemical Co., acids	27 85	
Photographic Service. slides and prints	36 20	
Thos. Pocklington Co., overhauling balance	15 00	
Standard Chemical Co., spirits	54 00	
Textile Products Co., towels	55 89	
Twisswire Brushes Ltd., brushes	19 80	
Wilson Scientific Co., glassware, etc	201 87	
Wood, Alexander & James, tools	98 08	
University Press. printing and stationery	267 46	
Accounts under $10 (19)	99 69	
Sundry disbursements by department:		
Hardware, $20.94; stationery, postage. etc., $28.16; sundries, $31.73	80 83	
Superintendent's Dept., freight, $45.55; labour. $698.91; material. $539.45	1.283 91	
Apparatus ($3.403 83):		
Ajax Engineers Ltd., tanks	117 00	
Art Metropole. repairs to refractometer	42 50	
W. T. Avery Ltd.. platform scale	44 10	
Canadian Johns-Manville Co.. installing still	23 00	
Canadian Laboratory Supplies. chemical balance	274 40	
Consumers' Gas Co., rental, etc.. of steam boiler	15 00	
Corning Glass Works, glassware	30 76	
Coulter Copper & Brass Co.. gaskets	180 00	
J. P. Devine Mfg. Co., jacketed sulphonator	163 26	
W. & J. G. Greey Ltd., mixer	125 00	
Francis Hankin & Co., calorimeter	139 00	
Maurice A. Knight. parts for absorption tower	108 51	
Milton & Thompson Electric Co., motors	65 00	
Palmer Thermometer Co., thermometers and cylinder case	29 29	
D. R. Sperry & Co.. filter press	308 45	
Underwood-Elliott-Fisher Ltd.. typewriter	145 80	
Westco Pump Engineering Ltd., pumps	138 78	
Honoraria re installation of apparatus:		
G. P. Beal	150 00	
J. G. Breckenridge	100 00	
W. C. Macdonald	150 00	
Accounts under $10 (3)	14 56	
Superintendent's Dept., freight, $33.15; labour, $549.73; material, $456.54	1,039 42	
	$10,863 00	
Less credits: Laboratory deposits. $1.152; sale of material. $5.25; containers returned, $49.50	1,206 75	
		$9,656 25

88. School of Architecture

Supplies ($481.49):	
Artists' Supply Co., paints, brushes, etc	$10 02
Beaux-Arts Institute of Design, programme service	25 18
Wm. Dawson Subscription Service, subscription	11 25
T. Eaton Co., wall board. stools, etc	20 65
Photographic Service, prints and slides	150 73
Postage	20 00
Robbins & Townsend, typewriter inspection	15 45
C. L. Todd, subscriptions	11 00
University of Toronto Engineering Society, drawing supplies	10 00
University Press. printing and stationery	73 44
Accounts under $10 (12)	57 83
Sundry disbursements by department	17 65
Superintendent's Dept., labour. $12.04; material, $46.25	58 29
Apparatus (including books) $185.86:	
Aikenhead Hardware Ltd., saw motor	60 33
H. M. Stationery Office, report	1 48

Robbins & Townsend, typewriter, $95; less allowance on old machine, $10	85 00	
Superintendent's Dept., labour, $24.20; material, $14.85	39 05	
Models for Life Class:		
Prof. H. H. Madill, reimbursement for payments made	22 00	
Staff expenses — outdoor sketching classes:		
Prof. H. H. Madill, expenses (four members of staff)	101 75	
	$791 10	
Less credit from laboratory deposits	7 00	
		$784 10

89. Engineering Drawing

Supplies ($358.71):		
D. Gestetner Ltd., ink, paper and stencils	$56 12	
Photographic Service, prints	23 73	
University of Toronto Engineering Society, drawing supplies	107 90	
University Press, printing and stationery	52 21	
Accounts under $10 (10)	36 83	
Superintendent's Dept., labour, $58.51; material, $23.41	81 92	
Printing Instruction Sheets ($70.52):		
D. Gestetner Ltd., paper and stencils	45 46	
University Press, printing and stationery	25 06	
	$429 23	
Less credit from laboratory deposits	16 20	
		$413 03

90. Applied Physics

Supplies ($534.30):		
Aikenhead Hardware Ltd., hardware	$44 15	
W. E. Booth Co., meter, plates and filters	49 59	
British Aluminum Co., metal	34 65	
Canadian Laboratory Supplies, glassware	12 68	
Canadian S. K. F. Co., bearings	16 80	
T. Eaton Co., meter, etc.	24 70	
Imperial Optical Co., lenses	16 00	
Photographic Service, slides, prints and chemicals	97 33	
Wholesale Radio Co., radio parts	10 91	
University of Toronto Engineering Society, drawing supplies	35 00	
University Press, printing and stationery	22 00	
Accounts under $10 (11)	49 30	
Sundry disbursements by department	10 00	
Superintendent's Dept., freight, $8.38; labour, $53.79; material, $49.02	111 19	
Apparatus ($1,015.16):		
Art Metropole, photometer parts and magnifier	441 27	
Bausch & Lomb Optical Co., objectives	16 68	
Roy F. Cain, lens	25 00	
Canadian General Electric Co., light meter and cell	17 31	
Walter A. Carveth & Co., microscope	267 20	
General Radio Co., resistance box, plugs, etc.	56 68	
Dr. D. H. Hamly, microscope lamp	20 00	
Leeds & Northrop Ltd., galvanometer	40 09	
W. R. McKee, photronic cell	19 80	
Photostat Corporation, lens prism	60 43	
Wholesale Radio Co., radio parts	13 46	
L. J. Workman, cameras	25 00	
Accounts under $10 (3)	12 24	
	$1,549 46	
Less credit from laboratory deposits	62 80	
		$1,486 66

91. General Expenses

Stationery, printing, Calendar, office supplies and incidentals ($2,096.31):		
Canadian National Telegraphs	$14 31	
Roy McCann Typewriter Co., overhauling typewriter	13 20	
Might Directories Ltd., city directory	21 60	
National Stationers Ltd., coupons and chair pad	24 55	
Photographic Service, prints and slides	278 51	
Postage	145 00	

Chas. Potter, slide boxes	13 50	
Underwood-Elliott-Fisher Ltd., typewriter repairs	17 06	
University Press, printing and stationery	1,395 16	
Accounts under $10 (5)	26 75	
Sundry disbursements by Secretary	15 69	
Superintendent's Dept.. freight, 50c; labour, $102.81; material, $27.67	130 98	
Clerical assistance ($78.35):		
Miss M. V. Johnston, 4-1/3 weeks	65 00	
Mrs. N. Nixon, 2/3 weeks	13 35	
Messenger Service ($822.50):		
A. C. Dykeman, 52-1/6 weeks	782 50	
H. Ross, 4 weeks	40 00	
	$2,997 16	
Less credit from laboratory deposits	125 55	
		$2,871 61

92. Photographic Service

(a) Salaries:		
Prof. G. R. Anderson, Manager (without remuneration)	....	
Photographers:		
C. Crowther, $1,450 — $15.62; (and overtime, $5)	1,434 38	
Mrs. Muriel Milne, $1,200 — $12.50 (and overtime, $9)	1,187 50	
Frank Stark, 10 mos. (and overtime, $3)	1.000 00	
W. Vance	950 00	
Mrs. R. E. Morley. Bookkeeper. $1,100 — $11.25	1,088 75	
Miss R. Cave, Office Assistant (see also Civil Engineering: Surveying and Geodesy) $100 — $1	99 00	
Fred Sayer, Messenger and Studio Assistant	600 00	
		$6.359 63
(b) Expenses:		
Supplies ($1,573.63):		
Eastman Kodak Stores, photo supplies and plates	$584 40	
Eastman Photographic Stores, photo supplies	201 12	
Gevaert & Co., chemicals, paper and plates	233 35	
Instruments Ltd., blue-prints paper	54 80	
National Drug & Chemical Co., chemicals, etc.	20 57	
J. Frank Raw Co., paper and envelopes	34 69	
Rectigraph Co., paper	225 75	
Robbins & Townsend, typewriter inspection	79 80	
University Press, printing and stationery	89 85	
Accounts under $10 (6)	28 09	
Superintendent's Dept., labour, $7; material, $14.21	21 21	
Apparatus:		
T. Eaton Co., camera	51 75	
	$1,625 38	
Less credit from material returned	14 32	
		$1,611 06
		$7,970 69

NOTE: Receipts for photographic work done for various departments (including Accounts Receivable, $178.47) amounted to $4.493.33.

93. Mining Building (including Mill Building)

Heat and light	$7,454 53
Gas, $926.23; water, $384.26	1,310 49
Caretaker's supplies:	
Superintendent's Dept., material	292 59
Cleaning ($3,550.52):	
Advance Window Cleaning Co.	19 60
Allen Mfg. Co., laundry	38 52
New York Window Cleaning Co.	31 00
Superintendent's Dept., labour	3,461 40
Repairs and renewals ($2,820.28):	
Art Window Shade Co., cloth	14 70
City Treasurer, elevator licenses	15 00
Routery Bros., plaster repairs	17 50
Superintendent's Dept., labour, $1,929.88; material, $843.20	2,773 08

Replacement of elevators ($2.320.94):			
Roelofson Elevator Co., elevator		2,192 00	
Superintendent's Dept., labour, $106.48; material, $22.46		128 94	
Caretaker, A. Clarke, $1.400 — $15; (and overtime, $162)		1,385 00	
		$19.134 35	
Less heat and light charged to Central Power Plant	$7.454 53		
Credit for cleaning, etc	23 38		
		7.477 91	
			$11,656 44

94. Engineering Building

Heat and light		$3.262 52	
Gas, $85.99; water, $142.93		228 92	
Caretaker's supplies:			
Superintendent's Dept., material		198 57	
Cleaning ($1.801.16):			
Allen Mfg. Co., laundry		19 98	
New York Window Cleaning Co		80 00	
Superintendent's Dept., labour		1,701 18	
Repairs and renewals ($1,923.47):			
Wm. Bartlett & Son, shades		18 65	
Superintendent's Dept., labour, $1.257.14; material, $647.68		1,904 82	
Caretaker, F. Baker, 12 mos., $1,400 — $15; (and overtime, $151.63)		1.385 00	
		$8,799 64	
Less heat and light charged to Central Power Plant	$3.262 52		
Credit for cleaning	191 84		
		3.454 36	
			$5,345 28

95. Electrical Building (including Mechanical Building and Wind Tunnel)

Heat and light		$4,092 98	
Fuel for Experimental Plant ($1,200):			
P. Burns & Co		1.198 91	
Superintendent's Dept., labour		1 09	
Gas, $80; water, $398.23		478 23	
Caretaker's supplies:			
Superintendent's Dept., material		126 88	
Cleaning ($1,933.21):			
Allen Mfg. Co., laundry		22 40	
New York Window Cleaning Co		46 50	
Toronto Window Cleaning Co		20 00	
Superintendent's Dept., labour		1.844 31	
Repairs and renewals ($1,821.91):			
Canadian Powers Regulating Co., installing thermostat		71 82	
City Treasurer, elevator licenses		10 00	
Italian Mosaic & Tile Co., tiling		15 19	
Accounts under $10 (3)		4 54	
Superintendent's Dept., labour, $1.163.62; material, $556.74		1,720 36	
Caretaker, F. F. Hitchcock, 12 mos., $1,450 — $15.62		1.434 38	
		$11.087 59	
Less heat and light charged to Central Power Plant	$4.092 98		
Credit for cleaning	22 50		
		4.115 48	
			$6.972 11

96. Geodetic Observatory Building

Heat and light		$266 13	
Water		16 20	
Caretaker's supplies:			
Superintendent's Dept., material		12 08	
Cleaning ($125.02):			
Advance Window Cleaning Co		4 90	
Superintendent's Dept., labour		120 13	

Repairs and renewals ($202.78):		
Routery Bros., plaster repairs	4 65	
Superintendent's Dept., labour, $186.64; material, $11.49	198 13	
	$622 21	
Less heat and light charged to Central Power Plant	266 13	
		$356 08
Charged to Revenue, 1936-7		$316.288 36
Charged to Wallberg Fund		8,683 44
		$324,971 80

IX. FACULTY OF DENTISTRY

97. SALARIES

(a) *Regular Staff*

A. D. A. Mason, Dean (paid also as Professor) $1,000 — $18.48	$981 52
Professors:	
A. D. A. Mason, Operative Dentistry (paid also $98.14 in Faculty of Medicine and $30 for Extra Mural Lectures) $5,000 — $92.16	4.907 84
F. M. Lott, Prosthetic Dentistry (paid also $6 for Post Graduate Course) $5,000 — $77.50	4.922 50
T. Cowling, Dental Technology and Metallurgy (paid also $25 for Extra Mural Lectures and $6 for Post Graduate Course) $2,000 — $22.50	1,977 50
G. C. Cameron, Dental Pathology and Bacteriology (paid also $6 for Post Graduate Course) $3,000 — $37.50	2.962 50
C. A. Corrigan, Orthodontia (paid also $98 for Post Graduate Course) $2,500 — $30	2.470 00
S. S. Crouch, Dental Anatomy (paid also $76 for Post Graduate Course and $25 for Extra Mural Lectures)	700 00
E. W. Paul, Dental Surgery and Anaesthesia	680 00
F. J. Conboy, Dental Praxis	400 00
R. Gordon McLean, Dental Praxis	200 00
I. H. Ante, Crown and Bridge Prosthesis (without salary)	....
Associate Professors:	
Dentistry:	
W. G. Switzer, $4,000 — $57.50	3,942 50
H. A. Hoskin, $4,000 — $57.50	3.942 50
R. J. Godfrey, (paid also $25 for Extra Mural Lectures) $3,800 — $53.50	3,746 50
R. G. Ellis, $3.600 — $49.50	3.550 50
C. A. Kennedy, Orthodontia, also Librarian and Curator of Museum (paid also $80 for Post Graduate Course and $99 from Child Research) $1,100 — $11.25	1.088 75
F. A. Clarkson, Medicine	360 00
Fulton Risdon, Oral Surgery	180 00
E. S. Ryerson, Assistant Professor, Surgery (see also Faculty of Medicine) $400 — $6.50	393 50
Associates:	
Dentistry:	
S. M. Richardson (paid also $15 for Extra Mural Lectures and $6 for Post Graduate Course) $3,300 — $43.50	3.256 50
L. F. Krueger (paid also $25 for Extra Mural Lectures) $1.500 — $16.25	1,483 75
G. H. Coram, $1,400 — $15	1.385 00
H. A. Ross	500 00
G. D. Beierl	750 00
F. L. Cole (paid also $25 for Extra Mural Lectures)	670 00
J. H. Duff (paid also $25 for Extra Mural Lectures)	945 00
W. T. Holmes	1.000 00
W. L. Hugill	670 00
G. V. Morton (paid also $25 for Extra Mural Lectures)	670 00
J. M. Sheldon	670 00
R. R. Walker	670 00
R. S. Woollatt (paid also $35 for Extra Mural Lectures)	670 00
D. M. Tanner (paid also $292 as Demonstrator, and $25 for Mural Lectures)	50 00
Miss W. C. Riddle, Histology, Bacteriology and Pathology (paid also $15 for Extra Mural Lectures) $2,160 — $24.90	2,135 10

M. A. Cox, Preventive Dentistry	600 00	
J. H. Johnson, Dental Surgery and Anaesthesia (paid also $40 for Extra Mural Lectures and $6 for Post Graduate Course) $3,100 — $39.50	3.060 50	
C. H. M. Williams, Periodontia (half time — paid also $235 for Extra Mural Lectures) $1.208 — $12.60	1,195 40	
Demonstrators, Assistants, etc. (Sessional):		
Demonstrators:		
G. B. Shillington, Preventive Dentistry (paid also $39.60 in School of Nursing and $25 for Extra Mural Lectures) $1.800 — $20	1.780 00	
J. Kreutzer, Operative and Prosthetic Dentistry	900 00	
P. G. Anderson, Dentistry	495 00	
D. M. Tanner, Periodontology (see also above)	292 00	
Miss D. F. J. Berry, Preventive Assistant, $1.200 — $12.50	1,187 50	
C. C. Rous, Lecturer, Applied Chemistry and Metallurgy (see also Office Staff) $300 — $3.90	296 10	
E. J. Pratt, Special Lecturer, English (see also Faculty of Medicine)	360 00	
Instructors:		
E. M. Rigsby, Dental Technology	240 00	
R. S. Hosking, English Expression (paid also $15 in Social Science and $200 for Extension Work)	100 00	
G. L. Assie, French (without salary — paid in Faculty of Arts)	....	
Laboratory Assistants:		
Technicians:		
W. V. Byrne, Dentistry, 10 mos., $1.900 — $21.25	1,878 75	
Miss Inez A. Bumby, Bacteriology and Pathology, $1.020 — $10.25	1,009 75	
H. F. Whittaker, Histology (part time — see also Anatomy)	120 00	
Mrs. M. Gratton, Histology (part time) 34 weeks @ $9	306 00	
H. Aylward, Infirmary, $1,200 — $12.50	1.187 50	
		$67.939 96

(b) *Infirmary Staff (including Nurses)*

Nurses:		
Miss L. A. Cameron, Supervisor, Dental Nurses in Training, 10 mos., $1,300 — $13.75	$1.286 25	
Miss L. E. Tutt, 10 mos.	900 00	
Miss A. H. Rose, 9 mos.	840 00	
Miss F. G. Whitehead, 8 mos.	800 00	
Miss M. E. Crerar, 10 mos.	700 00	
Miss Muriel Graham, 10 mos.	700 00	
Miss A. E. Phipps, 10 mos.	700 00	
Miss M. M. Brown, 10 mos.	700 00	
R. M. Turner, Instructor in Typewriting for Dental Nurses	100 00	
Mrs. L. Barraclough, Laundress, 42 weeks @ $16.45	690 90	
		$7.417 15

(c) *Office Staff*

C. C. Rous, Secretary (paid also $296.10 as Lecturer) $3,000 — $39.60	$2,960 40	
Miss F. A. Cook, Secretary to the Dean, $1.700 — $18.75	1.681 25	
Miss R. C. Hopkins, Assistant to the Secretary, $1.300 — $13.75	1.286 25	
Miss E. B. Mimms, Assistant in Library, $1.100 — $11.25	1,088 75	
Miss L. Park Cashier in Infirmary, 10 mos., $1.100 — $11.25	1,088 75	
Miss Flora Ward, Stenographer	1,000 00	
		$9.105 40
		$84.462 51

97a. POST GRADUATE COURSES

Honoraria to Instructors:		
C. A. Corrigan, $98; expenses, $2.80	$100 80	
S. S. Crouch	76 00	
C. A. Kennedy	80 00	
Sundry persons	36 00	
Hart House, luncheon	7 20	
		$300 00

98. LABORATORY AND INFIRMARY SUPPLIES, ETC.

Adam, Rouilly & Co., skulls	134 13	
Aikenhead Hardware Ltd., hardware	11 44	
Art Metropole, drawing paper, etc.	51 70	

Art Window Shade Co., shades	16 00	
Ash Temple Co., dental supplies	1,651 39	
Bausch & Lomb, microscope repairs	36 00	
Bio-Chemistry Dept., laboratory supplies	10 54	
L. D. Caulk Co., dental compound, etc.	99 03	
Central Scientific Co., glassware, chemicals, etc.	296 02	
Chemistry Dept., laboratory and sundry supplies	316 26	
Cheney Chemicals Ltd., gas	20 00	
Columbus Dental & X-Ray Corporation, dental supplies	84 72	
Consolidated Plate Glass Co., glass	12 82	
Corbett-Cowley Ltd., laboratory coats	251 73	
Denco Ltd., gold	2,637 67	
Dental Co., models	345 60	
H. S. Dodd, electrical work, etc.	254 11	
Dominion Dental Co., sterilizer, etc.	535 18	
Eastman Kodak Stores, films, chemicals, etc.	124 69	
T. Eaton Co., chair, scissors, cotton, etc.	233 06	
Florentine Co., models, etc.	65 08	
Grand & Toy, desks	71 00	
Ed. Green Dental Supplies, dental supplies	167 64	
Hall Mfg. Co., laboratory coats	42 46	
J. F. Hartz Co., chemicals, glassware, etc.	272 58	
Hotel & Hospital Supply Co., towels	32 62	
Ingram & Bell, sterilizer, stand, etc.	93 24	
Interlake Tissue Mills, paper napkins	250 50	
Johnson & Johnson, absorbent cotton	257 24	
Lavoris Chemical Co., lavoris	67 20	
Lehn & Fink, lysol	17 14	
Dr. F. M. Lott, lettering cards	29 00	
W. R. McKee, furnace repairs	14 85	
Medico Co., syringes	21 62	
Merck & Co., chloroform	12 13	
Might Directories Ltd., city directory	21 60	
Minneaapolis Honeywell Regulator Co., potentiometer, thermocouples, etc.	162 26	
National Drug & Chemical Co., chemicals, etc.	366 79	
National Refining Co., gold, furnace castings, porcelain, etc.	3,198 01	
Office Specialty Mfg. Co., cabinets	127 25	
Ontario Research Foundation, castings	22 50	
Photographic Service, prints and slides	292 05	
Physyics Dept., laboratory supplies	35 85	
Thos. Pocklington & Co., paper	16 00	
Prophylactic Brush Co., brushes	19 58	
Remington-Rand Ltd., typewriters, $245; less allowance on old machines, $20	225 00	
Miss M. Sewell, wall charts	35 00	
Ella Skinner, uniforms	512 69	
Smith & Chapple Ltd., dental plaster	188 53	
Wallace C. Sproule, lettering cards	21 50	
Stevens Co., surgery light and cotton	210 57	
Toronto Dental Dealers, dental supplies	346 77	
Ward's Natural Science Establishment, skulls	57 78	
University of Toronto Engineering Society, T squares, pencils, paper, etc.	66 45	
S. S. White & Co., syringes, dental supplies, connections for operating unit, etc.	2,239 47	
White X-Ray Surgical Supply Co., mounts	15 00	
University Press, printing and stationery	572 10	
Accounts under $10 (27)	125 40	
Sundry disbursements by Secretary:		
Laundry, $134.35; sundry supplies, $67.66	202 01	
Superintendent's Dept., freight, $113.60; labour, $2,530.46; material, $1,351.15	3,995 21	
	$22,050 14	
Less credits: Laboratory deposits, $1,644.48; gold sweepings, $49.48	1,693 93	
		$20,356 21

99. General Expenses

Stationery, printing, Calendar, office supplies and incidentals ($1,903.39):	
Canadian Fairbanks-Morse Co., postal scale	$14 37
C. P. R. Telegraphs	13 18
Grand & Toy, record book and paper	12 55

Office Specialty Mfg. Co., files, guides, etc.	66 98	
Postage	225 24	
Remington-Rand Ltd., typewriter	100 00	
Robbins & Townsend, typewriter inspection and carbon paper	48 80	
University Press, printing and stationery	1.360 04	
Accounts under $10 (4)	22 97	
Sundry disbursements by Secretary:		
Telephone calls and stationery supplies	39 26	

Extra Mural Lectures ($1.462.98):

	Remuneration	Expenses		
P. G. Anderson	$25.00	$ 7.75	32 75	
F. L. Cole	25.00	24.10	49 10	
T. Cowling	25.00	3.05	28 05	
S. S. Crouch	25.00	6.40	31 40	
J. H. Duff	25.00	7.65	32 65	
R. J. Godfrey	25.00	15.50	40 50	
W. L. Hugill	200.00	151.75	351 75	
J. H. Johnson	40.00	29.30	69 30	
L. F. Krueger	25.00	9.44	34 44	
F. M. Lott	15.00	13.25	28 25	
A. D. Mason	15.00	16.90	31 90	
G. A. Morgan	25.00	11.00	36 00	
G. V. Morton	25.00	6.60	31 60	
S. M. Richardson	15.00	6.20	21 20	
Miss W. C. Riddle	15.00	5.28	20 28	
G. B. Shillington	25.00	24.50	49 50	
D. M. Tanner	25.00	10.80	35 80	
C. H. M. Williams	260.00	180.26	440 26	
R. S. Woollatt	35.00	13.25	48 25	
American Association of Dental Schools, dues			50 00	
			$3.366 37	
Less received from Royal College of Dental Surgeons, account extra mural lectures			1.112 98	
				$2.253 39

100. Dental Building

Fuel ($1.443.13):		
Elias Rogers Co.	$786 40	
Lyons-Wright Ltd.	656 73	
Gas, $483.45; electric current, $2.814.15; water, $315.32	3.612 92	
Caretaker's supplies:		
Superintendent's Dept., material	585 58	
Cleaning ($2.179.40):		
New York Window Cleaning Co.	30 00	
Superintendent's Dept., labour	2.149 40	
Repairs and renewals ($2.383.13):		
City Treasurer, elevator licenses	10 00	
Drummond, McCall & Co., tubes	29 16	
Italian Mosaic & Tile Co., tiling	13 09	
N. Quesnel, boiler repairs, etc.	33 12	
Routery Bros., plaster repairs	118 90	
Accounts under $10 (2)	13 32	
Superintendent's Dept., labour, $1.582.07; material, $583.47	2.165 54	
Caretaker, Robt. Eades, 12 mos., $1.400 — $15	1.385 00	
Fireman, Superintendent's Dept., labour	778 37	
	$12.367 53	
Less credit for fuel	3 90	
		$12.363 63
		$119.735 74

X. FACULTY OF HOUSEHOLD SCIENCE

101. Salaries

(a) Household Science:		
Professor (with rooms, heat and light valued @ $280 per annum):		
Miss A. L. Laird, 2 mos. to 31 Aug. @ $4,200 (resigned) $700 — $10.25	$689 75	
Miss Jessie Brodie, 10 mos. from 1 Sept. @ $3,800, $3,166.66 — $44.58	3.122 08	
Assistant Professors:		
Miss Alice C. Willard, $3,450 — $46.50	3.403 50	
Miss E. W. Park, $2,700 — $33	2.667 00	
Lecturers (Sessional):		
Miss K. E. Bennett, $2,500 — $30	2,470 00	
Miss J. S. Roberts, $2,200 — $25.50	2.174 50	
Miss G. R. F. Rose, $2,050 — $23.25	2.026 75	
Miss H. R. Coatsworth (part time)	1.000 00	
Assistants (Sessional):		
Miss D. E. Mulholland	900 00	
Miss F. E. Lamon	800 00	
Miss G. H. Donald, Research Assistant	1.000 00	
	$20,253 58	
Charged to Massey Treble Bequest	2,977 50	
		$17,276 08
(b) Food Chemistry:		
Dr. C. C. Benson, Professor, also Secretary to Faculty (with rooms, heat and light valued @ $280) $4,200 — $61.50	$4.138 50	
Miss J. R. Panton. Lecturer (Sessional) $2,150 — $24.75	2.125 25	
Miss E. I. Walker, Instructor (Sessional) $1,550 — $16.88	1.533 12	
Assistants (Sessional):		
Miss E. J. Reed	1,000 00	
Miss D. Chapman	850 00	
Miss Marion A. Wharton (resigned 30 Apr.)	700 00	
Miss F. I. Honey (part time — paid also $594 as Clerical Assistant) $500 — $5.25	494 75	
		$10,841 62
		$28,117 70

102. Household Science Department

Laboratory supplies ($1,330.85):	
Acme Farmers' Dairy, milk	$183 28
Borden Co., milk powder	12 74
Canadian Industries Ltd., chemicals	18 90
Canadian Laboratory Supplies, chemicals and filter paper	204 44
T. Eaton Co., utensils, etc.	103 27
Eddy Match Co., matches	12 20
Lever Bros., soap	10 60
Alex. Provan, provisions	624 45
F. Simpson & Sons, meat	108 39
Robt. Simpson Co., materials	10 06
Accounts under $10 (4)	16 62
Sundry disbursements by department	18 38
Superintendent's Dept., material	7 52
Laboratory attendance ($1.507.00):	
Miss A. Conacher, 43 weeks	688 00
Mrs. E. Stroud. 42 weeks	672 00
Miss M. Martin, 11 weeks, 2 days	57 00
Mrs. C. Brown, 13 weeks	65 00
Mrs. I. Driscoll. 5 weeks	25 00
Equipment and incidentals ($113.73):	
Canadian General Electric Co., icing unit service and repairs	17 50
Toronto Hydro Electric System, irons	11 40
Accounts under $10 (4)	11 85
Superintendent's Dept., freight, $12.13; labour, $51.40: material, $9.45	72 98
Books and special equipment ($1.425.39):	
T. Eaton Co., waffle iron and rug	106 74
Nutrition Abstract & Review, subscription	10 44
Alfred Suter, testing apparatus and autographic recorder	205 92
Wistar Institute of Anatomy and Biology, subscription	11 16

University Press, printing and stationery		53 50	
Accounts under $10 (12)		43 48	
Superintendent's Dept., labour, $792.60; material, $201.55		994 15	
		$4,376 97	
Less credits: Laboratory deposits	$193 39		
Charged to Massey Treble Bequest	1,425 39		
		1.618 78	
			$2.758 19

103. FOOD CHEMISTRY DEPARTMENT

Maintenance ($847.95):		
Akotos Inc., sodium lamp	$100 06	
Bausch & Lomb Optical Co., balopticon, etc.	75 30	
Canadian Industries Ltd., acids	43 79	
Canadian Laboratory Supplies, glassware	139 18	
Central Scientific Co., glassware, etc.	100 22	
T. Eaton Co., soap, towels, etc.	41 83	
Leeds & Northrup Co., indicator	40 16	
Mallinckrodt Chemical Works, acids	26 87	
Merck & Co., chemicals	35 87	
Thos. Pocklington Co., overhauling and adjusting balances	23 25	
Arthur H. Thomas Co., supports, filters, etc.	12 35	
University Press, printing and stationery	12 60	
Accounts under $10 (9)	32 33	
Sundry disbursements by department:		
Stationery, utensils, etc., $28.41; food supplies, $21.59	50 00	
Superintendent's Dept., freight, $9.08; labour, $75.80; material, $29.26	114 14	
Laboratory attendance ($1,097.50):		
Mrs. I. Scott, 42 weeks, 2 days	700 00	
Mrs. R. Berry, 39 weeks, 4 days	397 50	
	$1,945 45	
Less credits from laboratory deposits	188 02	
		$1,757 43

104. GENERAL EXPENSES

Stationery, printing, office supplies and incidentals ($219.16):		
T. Eaton Co., typewriter	$41 85	
Postage	32 00	
University Press, printing and stationery	121 43	
Accounts under $10 (2)	13 88	
Sundry disbursements by secretary	10 00	
Clerical assistance ($1.682.75):		
Miss E. E. Cross, 10 mos., $1,100 — $11.25	1,088 75	
Miss F. I. Honey, 12 mos. (paid also in Food Chemistry) $600 — $6	594 00	
		$1.901 91

105. HOUSEHOLD SCIENCE BUILDING

Heat and light		$2.564 81	
Gas, $229.70; water, $361.84		591 54	
Caretaker's supplies:			
Superintendent's Dept., material		141 06	
Cleaning ($1.558.32):			
Advance Window Cleaning Co.		26 46	
Superintendent's Dept., labour		1,531 86	
Repairs and renewals ($1.159.29):			
Accounts under $10 (6)		41 63	
Superintendent's Dept., labour, $654.19; material, $463.47		1,117 66	
Caretaker, A. J. Maycock, 12 mos. (with rooms, heat and light valued @ $420) $1,100 — $11.25; (and overtime, $79.50)		1,088 75	
		$7,103 77	
Less heat and light charged to Central Power Plant	$2.564 81		
Credit for cleaning	10 85		
		2,575 66	
			$4.528 11
			$39.063 34

XI. FACULTY OF FORESTRY

106. SALARIES

Professors:		
C. D. Howe, Dean of the Faculty, $6.000 — $102.50	$5,897 50	
J. H. White, $4.700 — $71.50	4.628 50	
Associate Professors:		
T. W. Dwight. $4.200 — $61.50	4,138 50	
Gordon G. Cosens (paid also $19 as Special Lecturer) $3,700 — $51.50	3.648 50	
R. C. Hosie, Assistant Professor. $2.900 — $36	2.864 00	
G. L. Assie, Instructor, French (Sessional — without salary: paid in Faculty of Arts)	....	
Special Lecturers:		
F. S. Newman	20 00	
Gordon G. Cosens (see also above)	19 00	
Miss G. McAree, Secretary in Dean's Office, $1.130 — $11.63	1.118 37	
		$22,334 37

107. MAINTENANCE OF DEPARTMENT

Laboratory supplies and apparatus ($279.22):		
Bausch & Lomb Optical Co., lenses and reflector	$26 51	
Walter A. Carveth & Co., binoculars	38 50	
National Defence Dept., prints	26 76	
Photographic Service, prints	36 83	
Rippon Art, frames	17 15	
University Press, printing and stationery	25 74	
Accounts under $10 (12)	25 33	
Sundry disbursements by department:		
Stationery and subscriptions, $15.94; sundries, $19.70	35 64	
Superintendent's Dept., freight, $10.73; labour, $32.74; material. $3.29	46 76	
Office supplies, printing, Calendar, postage and incidentals ($382.87):		
N. S. Houghton, filing section and cases	67 10	
Postage	50 00	
Robbins & Townsend, typewriter inspection	10 85	
University Press, printing and stationery	215 38	
Accounts under $10 (2)	12 03	
Sundry disbursements by department:		
Telegrams, etc., $22.33; stationery and sundries, $4.18	26 51	
Superintendent's Dept., labour	1 00	
Collecting material for class work:		
R. C. Hosie, travelling expenses	33 25	
Laboratory assistance:		
Hugh Campbell, 40½ weeks	324 00	
Practice Camp supplies, travel, etc. ($1.548.09):		
Disbursements through the Dean:		
Travelling and hotel expenses. $222.95; telephone, $6; sundries. $35.02	263 97	
Cooks, troughton & Sims, transit parts, etc	21 55	
C. H. Irwin, students' and instructors' board and use of canoes	1.101 10	
Keuffel & Esser Co., chart paper, borers, rules, etc	37 52	
Lufkin Rule Co., log rules	28 62	
Might Directories Ltd., forms	11 04	
University Press, printing and stationery	14 04	
Accounts under $10 (10)	43 81	
Superintendent's Dept., freight. $25.94; material. 50c	26 44	
	$2.567 43	
Less received from students for board	695 60	
		$1.871 83

108. FORESTRY BUILDING

Heat and light	$808 11	
Gas, $8.88; water. $13.05	21 93	
Caretaker's supplies:		
Superintendent's Dept., material	58 21	
Cleaning ($318):		
Advance Window Cleaning Co	14 70	
Allen Mfg. Co., laundry	6 00	
Superintendent's Dept., labour	297 30	

Repairs and renewals ($186.78):		
Wm. Bartlett & Sons, roller and bracket	1 00	
Superintendent's Dept., labour, $138.57; material, $47.21	185 78	
Caretaker, E. G. Payne, 12 mos., $1,400 — $15; (and overtime, $176)	1,385 00	
	$2,779 03	
Less heat and light charged to Central Power Plant	803 11	
		$1,970 92
		$26,177 12

XII. FACULTY OF MUSIC

109. SALARIES

Honoraria to Dean and Lecturers:		
Sir Ernest MacMillan, Dean	$250 00	
H. A. Fricker	250 00	
Leo Smith	250 00	
Healey Willan	250 00	
J. Leland Richardson, Carillonneur	500 00	
Miss A. W. Patterson, Secretary to Faculty (paid also as President's Secretary) $250 — $3.15	246 85	
		$1,746 85

110. MAINTENANCE OF DEPARTMENT

Printing, Calendar, postage and incidentals:		
Heintzman & Co., piano rental	$26 50	
University Press, printing and stationery	65 94	
		$92 44
		$1,839 29

XIII. SCHOOL OF GRADUATE STUDIES

111. SALARIES

G. S. Brett, Dean (see also Philosophy) $1,000 — $28.80	$971 20	
Miss N. MacKenzie, Secretary, $2,000 — $22.50	1,977 50	
Miss D. R. Bond, Stenographer	950 00	
		$3,893 70

112. MAINTENANCE OF DEPARTMENT

Stationery and office supplies ($416.48):		
Postage	$77 00	
University Press, printing and stationery	312 10	
Accounts under $10 (5)	26 28	
Superintendent's Dept., labour, $1.07; material, .03c	1 10	
Clerical assistance:		
Miss Estelle Ridge, Secretariat, Board of Examiners for Professional Degrees, $50; postage, $1.04	51 04	
		$467 52
		$4,366 22

XIV. SCHOOL OF NURSING

113. SALARIES

Miss E. K. Russell, Director, $4,000 — $57.50	$3,942 50	
Miss F. H. M. Emory, Assistant Director, $3,000 — $37.50	2,962 50	
Lecturers (Sessional):		
Miss W. L. Chute, Science and Nursing, $2,200 — $25.50	2,174 50	
Miss D. M. Percy, Nursing, $2,100 — $24	2,076 00	
Miss M. B. Millman, Public Health Nursing, $2,000 — $22.50	1,977 50	
Miss N. D. Fidler, $2,000 — $22.50	1,977 50	
Miss E. M. Stuart, Nursing, $1,800 — $20	1,780 00	
Miss E. N. L. Mortimer, Secretary-Librarian, $1,800 — $20	1,780 00	
Miss M. E. Nickell, Dietitian and Housekeeper (with living valued @ $400 — paid also $49.37 as Lecturer; resigned 30 June) $1,700 — $18.75	1,681 25	
Miss M. Jean Wilson, Residence Nurse, 7 mos. (paid also $180 as Lecturer)	490 00	
Miss M. G. Barnes, Clerical Assistant, $1,140 — $11.75	1,128 25	
		$21,970 00

114. SPECIAL TEACHING

Critic Teachers in City Schools, etc., for practice-teaching purposes ($632.50):		
Board of Education	$597 50	
Separate School Board	35 00	
University Departments and Special Lecturers ($4,081.82):		
School of Hygiene	400 00	
Psychology	350 00	
Biology	300 00	
Anatomy	200 00	
Physiology	200 00	
Social Science	200 00	
Lecturers:		
Thorton Mustard, Science of Education } see also	400 00	
Mrs. Florence E. Woodcock, Massage, $65 — 65c } University Extension	64 35	
C. E. Phillips, Principles of Education (see also Ontario College of Education) $200 — $2	198 00	
E. Fidlar, Physiology (see also department) $350 — $3.50	346 50	
Medicine (see also department):		
Beverley Hannah	190 00	
Trevor Owen	150 00	
J. H. Elliott	40 00	
Gordon Bates	20 00	
H. A. Dixon	20 00	
Surgery (see also department):		
W. K. Welsh, $100 — $1	99 00	
D. E. Robertson	10 00	
W. S. Keith	5 00	
Alan Brown, Paediatrics (see also department)	160 00	
C. G. Stodgill, Mental Hygiene (see also Department of Psychiatry)	100 00	
H. B. Van Wyck, Obstetrics (see also department)	100 00	
Oto-Laryngology (see also department):		
Perry Goldsmith	15 00	
P. E. Ireland	5 00	
C. E. Hill, Ophthalmology (see also department)	10 00	
W. E. Brown, Anaesthesia (see also Department of Therapeutics)	10 00	
J. T. Phair, School Hygiene (see also School of Hygiene)	40 00	
G. B. Shillington, Oral Hygiene (see also Dentistry) $40 — 40c	39 60	
Miss M. Jean Wilson, Nursing } see also	180 00	
Miss M. E. Nickell, Dietetics, $50 — 63c } above	49 37	
Miss M. Bell, Nutrition	30 00	
Miss E. Hickey	20 00	
Miss J. Knisely	20 00	
Harvey Agnew	15 00	
Miss E. deV. Clarke	15 00	
Miss Edna Moore	15 00	
Miss M. MacKay	10 00	
Miss A. G. Dove	5 00	
Laboratory Assistant, G. Scattergood, Physiology (see also Medical Research, Best)	50 00	
Hospitals and Public Health Organizations ($795):		
Victorian Order of Nurses:		
Toronto	355 00	
Hamilton	5 00	
Miss Elizabeth Langman	180 00	
Miss M. E. Blackwood	90 00	
Canadian Red Cross Society	45 00	
Neighbourhood Workers' Association	45 00	
St. Elizabeth Visiting Nurses' Association	35 00	
Toronto General Hospital	20 00	
Toronto Western Hospital	20 00	
		$5.509 32

115. SCHOOL MAINTENANCE

Office supplies, printing, postage and incidentals ($842.97):		
Miss F. Bellsmith, clerical assistance	$19 50	
D. Gestetner Ltd., ink and stencils	53 67	
Grand & Toy, transfer cases, etc.	23 25	
Postage	77 00	

Underwood-Elliott-Fisher Ltd., typewriter	133 65	
University Press, printing and stationery	452 29	
Accounts under $10 (3)	18 96	
Sundry disbursements by Director:		
Stationery, $23.45; telegrams, etc., $27.35; sundries, $13.85	64 65	
Class room equipment and supplies, library and advertising ($376.86):		
"Canadian Nurse," advertising	12 00	
T. Eaton Co., chair, books and magazine	130 53	
J. F. Hartz Co., gloves, forceps and syringe	10 31	
MacLean Publishing Co., advertising	64 80	
Toronto Daily Star, advertising	12 00	
Accounts under $10 (30)	105 60	
Sundry disbursements by Director:		
Drugs, $15.04; pamphlets and sundries, $8.78	23 82	
Superintendent's Dept., material	17 80	
Graduation expenses, including School badges ($74.56):		
Birks, Ellis, Ryrie Ltd., pins	45 00	
University Press, printing and stationery	10 26	
Accounts under $10 (6)	19 30	
Travelling and entertainment, extra-curricular activities and physical examination for domestic staff ($331.86):		
Nerlick & Co., candles, decorations, etc	12 16	
Toronto Radio & Sports Ltd., archery equipment	28 60	
Artists' services and sundry lectures:		
Dr. F. J. Howard	10 00	
N. A. Mackenzie	10 00	
F. Sylvester	60 00	
Mrs. S. Creighton	20 00	
Miss M. Winspear	10 00	
Dr. J. G. Falconer, professional services	55 00	
Accounts under $10 (3)	16 75	
Miss E. K. Russell, travelling expenses and entertainment of visitors	109 35	
		$1,626 25

116. RESIDENCE MAINTENANCE

Residence Physician:	
Dr. J. G. Falconer	$200 00
Wages, food, laundry and miscellaneous ($11,719.01):	
Pay lists, wages of maids, etc	4,216 12
Acme Farmers' Dairy	14 60
B. Amodeo & Son, fruit and vegetables	924 09
Barker's Bread	14 40
Bowes Co., butter, etc	373 93
Canada Bread Co	333 15
Canada Packers Ltd., meat, etc	522 68
Club Coffee Co., tea	64 70
Coles Ltd., cakes, etc	10 66
Donlands Dairy	670 48
T. Eaton Co., kitchen utensils and provisions	134 01
John J. Fee, eggs	226 95
Fumigators Guaranteed Co., exterminating	23 00
Glencoe Provisions, meat	31 08
Grimsby Pickle Co	20 85
C. Hansen's Laboratory, junket powder	18 90
Samuel Harris, meat	59 02
Heintzman & Co., piano rental	60 75
Ingram & Bell, chemicals and drugs	31 36
Kelvinator of Canada, refrigerator repairs	23 50
Langley's Ltd., cleaning rugs	19 72
Lines Ltd., poultry	44 98
Loblaw Groceterias, provisions	1,102 53
Maple Leaf Milling Co., flour	47 84
Michie & Co., provisions	97 83
R. H. Morris, papers	12 00
Wm. Neilson, ice cream	85 49
Pacific Mills, paper	21 06
Parisian Laundry	488 74
Parker Dye Works, cleaning curtains and cushions	57 65
Russill Hardware Co., hardware	11 31
St. Lawrence Fish Market, fish	107 41
Robt. Simpson Co., labels, dishes, etc	21 40
Slichters Ltd., flowers	37 10

M. J. Smith, vegetables	12 98	
Standard Brands Ltd., coffee	124 35	
Tip-Top Canners, fruit juice	19 80	
Wm. Unser, cakes	122 88	
Geo. Weston Ltd., biscuits	19 04	
Whyte Packing Co., lard, etc.	34 45	
John Wickson, meat	912 14	
G. H. Wood & Co., paper dishes, drinking cups and napkins	109 90	
Accounts under $10 (24)	110 30	
Sundry refunds of fees:		
Miss L. Lamson	112 50	
Miss D. Pequegnat	35 00	
Sundry disbursements by Director:		
Hardware, $22.03; food, wages and drugs, $10.35; sundries, $14.43	46 81	
Superintendent's Dept., labour, $28.65; material, $100.92	129 57	
Furnishings ($1,318.11):		
T. Eaton Co., linens, furniture, etc.	774 17	
Heintzman & Co., piano	180 00	
Johnson Office Furniture Co., desk and chairs	38 50	
A. Moody, baskets	3 75	
Premier Radio Co., radio	19 50	
Robt. Simpson Co., repairing chairs, cups and saucers, etc.	22 60	
Toronto Hydro Electric System, rebuilding electric fan	17 50	
Sundry disbursements by Director	9 90	
Superintendent's Dept., labour, $159.75; material, $92.44	252 19	
		$13,237 12

117. CONTINGENCY FUND

Internships:		
Miss M. Haslam	$150 00	
Miss N. Yeo	150 00	
		$300 00

118. MAINTENANCE OF BUILDING (NO. 7 QUEEN'S PARK)

Fuel ($1,223.90):		
Department of Public Works	$1,200 00	
Evans Coal Co.	23 90	
Water, $159.89; electric current, $491.27; gas, $272.85	924 01	
Caretaker's supplies:		
Superintendent's Dept., material	225 00	
Repairs and renewals ($1,424.22):		
Art Window Shade Co., shades	13 55	
Fitzgerald-McAvoy Ltd., screens	37 24	
Routery Bros., plaster repairs	56 00	
Shipway Iron & Wire Co.	4 25	
Superintendent's Dept., labour, $899.85; material, $413.33	1,313 18	
Sundries ($559.87):		
Bell Telephone Co.	477 80	
Grounds:		
B. W. Miller & Co., plants	35 97	
Accounts under $10 (2)	14 60	
Superintendent's Dept., labour	31 50	
Caretaker, T. Marriott, 12 mos., $1,200 — $12.50; (and overtime, $19.25)	1.206 75	
		$5,563 75
		$48.206 44

Charged to Revenue, 1936-37	$ 5,000 00
Charged to Rockefeller Fund	$43.206 44
	$48.206 44

XV. SOCIAL SCIENCE

119. Salaries

E. J. Urwick, Acting Director, (without salary — paid in Political Economy)	....	
Miss A. C. McGregor, Assistant Director, $2.400 — $28.50	2,371 50	
A. E. Grauer, Associate Professor (paid also $60 for Extension Work) $4,000 — $57.50	3,942 50	
Miss B. Finlayson, Lecturer (Sessional) $2,400 — $28.50	2,371 50	
D. G. McCullagh, Instructor (Sessional) $1,500 — $16.25	1,483 75	
Miss E. B. Bambridge, Secretary-Librarian, $1.350 — $14.38	1,335 62	
Special Lecturers (Sessional):		
Miss K. G. Gorrie	150 00	
Miss F. Held	150 00	
R. E. Mills	150 00	
Miss Norah Lea (paid also $50 for Extension Work)	110 00	
G. B. Chisholm	100 00	
St. George's School for Child Study	100 00	
Miss Ethel Law	100 00	
Mrs. Helen Lawrence	45 00	
Miss M. Gould	30 00	
Miss M. Bell	50 00	
M. M. Cohen	15 00	
R. S. Hosking (paid also in Dentistry)	15 00	
K. H. Rogers (paid also in Psychology)	10 00	
Wilfred G. Scott	5 00	
	$12.534 87	
Less paid by School of Nursing	200 00	
		$12.334 87

120. Maintenance of Department

Office supplies, printing, Calendar, postage and incidentals ($600.75):		
Postage	$83 00	
Robbins & Townsend, typewriter, $54: and inspection $9.10	63 10	
Travelling and field work expenses:		
Miss Barbara Finlayson	11 85	
D. G. McCullagh	16 10	
Accounts under $10 (7)	27 97	
University Press, printing and stationery	240 17	
Sundry disbursements by department:		
Books, $19.01; stationery, etc., $18.97; telegrams, etc.. $1202	50 00	
Clerical assistance:		
Miss C. Jackson, 2½ weeks, 4 days	37 00	
Miss L. Kay, 22½ days	71 56	
Library ($96.30):		
League of Nations Society in Canada, books	16 05	
University Press, printing and stationery	19 35	
Accounts under $10 (17)	60 90	
		$697 05
		$13,031 92

XVII. 121. EXAMINATIONS

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Abbot, Miss E. B.	2 50			2 50
Ainslie, D. S.	10 25			10 25
Alford, John	10 75			10 75
Allcutt, E. A.	10 50			10 50
Anderson, F. H.	10 75			10 75
Anderson, P. G.	14 00			14 00
Andison, J. G.	8 50			8 50
Angus, R. W.	22 00			22 00
Ante, I. H.	22 00			22 00
Ardagh, E. G. R.	17 50			17 50
Armour, R. G.	45 00			45 00
Armstrong, H. G.	50 00			50 00
Arnold, R. K.	54 00	27 00		81 00
Arthur, E. R.	5 25	18 00		23 25
Ashley, C. A.	5 25			5 25
Assie, G. L.		27 00		27 00
Auld, F. C.	17 75			17 75
Bailey, D. L.	12 50			12 50
Baillie, W. H. T.	13 75	72 00		85 75
Baker, A. W.	11 50			11 50
Balthazard, Miss I. G.	9 25	30 00		39 25
Banks, E. A. H.	6 75	45 00		51 75
Banting, E. W.	5 75			5 75
Batt, H. E.	19 00			19 00
Beamish, F. E.	52 75	3 00		55 75
Beck, E. C.	5 25			5 25
Bell, J. W.			7 50	7 50
Bennett, H.	5 50			5 50
Benson, Dr. C. C.	2 50			2 50
Best, C. H.	11 50			11 50
Biggs, G. M.	45 00			45 00
Birk, L. A.		45 00		45 00
Birtch, G. W.			6 00	6 00
Black, E. C.	6 75			6 75
Blackwood, W. C.	18 75			18 75
Bladen, V. W.	9 00			9 00
Boeschenstein, H.	21 25	54 00		75 25
Bondy, Rev. L. J.	19 50			19 50
Book, M. H.	6 45			6 45
Boswell, M. C.	17 75			17 75
Bott, E. A.	6 50			6 50
Bowen, A. J.			144 00	144 00
Branion, H. D.	24 50			24 50
Brant, A.			3 00	3 00
Brauer, R.		21 00		21 00
Breckenridge, J. G.	5 50			5 50
Brett, G. S.	11 00			11 00
Britnell, G. E.	5 00			5 00
Brooks, E. F.	45 00			45 00
Brown, Alan	39 75			39 75
Brown, R. J.	10 75	18 00		28 75
Brown, W. G.			25 50	25 50
Brown, W. Hurst	45 00			45 00
Bryant, L. R.	19 00			19 00
Bryce, G. P.			4 50	4 50
Buchanan, M. A.	5 25			5 25
Burden, H. J.	3 00	15 00		18 00
Burk, J. D.	10 50			10 50
Burnham, H.	5 00			5 00
Burt-Gerrans, J. T.	17 75			17 75
Burton, E. F.	32 75			32 75
Caesar, L.	10 00			10 00
Cameron, G. C.	31 00			31 00
Campbell, A. A.	45 00			45 00
Campbell, C. G.			7 50	7 50
Campbell, W. R.	45 00			45 00

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Cano, J.	6 25	24 00		30 25
Carscadden, W. G.	50 50			50 50
Carswell, J. M.			21 00	21 00
Carswell, W. E.		24 00		24 00
Cartwright, G. S.	5 25			5 25
Cates, H. A.	5 00	36 00		41 00
Chant, S. N. F.	2 50			2 50
Chapman, Miss D.	2 75			2 75
Churcher, D. G.			30 00	30 00
Clark, A. R.			28 50	28 50
Clark, C. C.	48 00			48 00
Clark, G. F.			1 50	1 50
Clark, R. M.			6 00	6 00
Clarkson, F. A.	17 75			17 75
Clawson, W. H.	29 25	54 00		83 25
Coates, F.	5 00			5 00
Coatsworth, Miss H. R.	5 25			5 25
Cockburn, J. R.	11 00			11 00
Cole, Miss A. C.		39 00		39 00
Cole, C. E. C.	50 75			50 75
Conboy, F. J.	32 25			32 25
Cook, Miss A. L.	6 25			6 25
Corrigan, C. A.	31 75			31 75
Cosbie, W. G.	34 00			34 00
Cosens, G. G.		9 00		9 00
Cosgrave, G. P.	3 75			3 75
Couch, J. H.	39 50			39 50
Coventry, A. F.	5 00			5 00
Cowling, T.	55 50			55 50
Cox, M. A.	40 25			40 25
Craigie, E. H.		27 00		27 00
Crake, J. E. A.			28 50	28 50
Crawford, Estate of M. M.	19 80			19 80
Crawshaw, J.			24 00	24 00
Creighton, D. G.	21 50			21 50
Creighton, Mrs. Sallee		24 00		24 00
Crerar, S. R.	5 50	18 00		23 50
Crossley, Miss K. M.			28 50	28 50
Crouch, S. S.	15 25			15 25
Crutcher, Miss A. M.			19 50	19 50
Dale, E. A.	3 38			3 38
Daniells, J. R.	36 75	27 00		63 75
Danis, J. T.	45 00			45 00
Dauphinee, J. A.	57 95			57 95
Davey, A.	22 50			22 50
Davis, H. J.	10 25			10 25
Detweiler, H. K.	88 50			88 50
Drummond, W. M.	20 25			20 25
Duff, T. A. J.	45 00			45 00
Dunbar, W. B.	5 00	54 00		59 00
Dwight, T. W.		9 00		9 00
Dyce, E. J.	10 50			10 50
Dyer, F. C.		36 00		36 00
Dymond, J. R.	2 63			2 63
Eaton, G. T.			9 00	9 00
Edgar, P.	5 00			5 00
Edwards, G. R.			22 50	22 50
Endicott, N. J.	19 25	27 00		46 25
English, B. R.	24 00	90 00		114 00
Evans, K. C.		27 00		27 00
Ewens, F. G.			12 00	12 00
Falconer, J. G.	45 00			45 00
Farquharson, R. F.	82 75			82 75
Farrar, C. B.	48 50			48 50
Ferguson, F. L.	6 50			6 50
Finkelman, J.	11 50			11 50
Fisher, A. H.			25 50	25 50
Fisher, J.		30 00		30 00
Fletcher, A. A.		45 00		45 00

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Ford, H. E.	2 50			2 50
Ford, Dr. Norma	11 00			11 00
Fowler, W. J. R.	13 50			13 50
Fraser, Dr. Frieda H.	5 00			5 00
Fraser, Miss J. A.		3 00	3 00	6 00
Fraser, T. A.			31 50	31 50
Fricker, H. A.	49 03			49 03
Fulmer, H. L.	9 75			9 75
Funnell, W. S.	11 75			11 75
Gaby, R. E.	45 00			45 00
Gallagher, E. G.			6 00	6 00
Gallie, W. E.	10 50			10 50
Galloway, S. H.			7 50	7 50
Gardiner, W. J.	11 00			11 00
George Ruggles	22 25	3 00		25 25
Glazebrook, G. P. deT.	5 00			5 00
Glen, J. S.			24 00	24 00
Glover, J. S.	13 50			13 50
Goble, H. W.		45 00		45 00
Goggio, E.	17 00	30 00		47 00
Goldsmith, P. G.	50 00			50 00
Goodspeed, F. M.			30 00	30 00
Gordon, A. R.	5 50			5 50
Gordon, S. D.	45 00			45 00
Gould, S. H.		12 00		12 00
Graham, Duncan	5 00			5 00
Graham, R. R.	52 25			52 25
Graham, T. C.		12 00		12 00
Grant, J. C. B.	18 25			18 25
Grant, R. R.	7 00			7 00
Grauer, A. E.	5 00			5 00
Griffith, B. A.	5 50	27 00		32 50
Grube, G. M. A.		27 00		27 00
Guess, G. A.	34 25			34 25
Gundy, H. P.			9 00	9 00
Gunvaldsen, K. M.	29 50			29 50
Haist, R. E.		6 00		6 00
Hallman, G. L.			9 00	9 00
Hally, G. H.		18 00	6 00	24 00
Halperin, W. L.			27 00	27 00
Ham, A. W.	2 90			2 90
Hamilton, D. E.	10 25			10 25
Hamilton, F. W.	7 25			7 25
Hare, F. A.	8 50			8 50
Hargreaves, Miss M. M.			28 50	28 50
Harkness, Miss F.			24 00	24 00
Harkness, W. J. K.	2 63			2 63
Harris, C. W.	45 00			45 00
Harris, R. I.	77 50			77 50
Hart, C. W. M.	6 50	27 00		33 50
Harwood-Jones, J.			33 00	33 00
Haultain, H. E. T.	5 25			5 25
Havelock, E. A.		24 00		24 00
Hay, G. E.			24 00	24 00
Haygarth, Miss F. M.			25 50	25 50
Heard, J. F.	10 50			10 50
Heebner, C. F.	37 00			37 00
Helwig, C. E.			10 50	10 50
Henderson, V. E.	8 50			8 50
Henderson, V. L.			9 00	9 00
Hepburn, J.	90 00			90 00
Hicks, R. K.	13 50			13 50
Hodgins, L. C. A.	10 00			10 00
Hogg, F. S.	10 75			10 75
Holman, W. L.	6 50			6 50
Honey, Miss F. I.	2 75			2 75
Hosie, R. C.	5 50	18 00		23 50
Houle, A. U.			7 50	7 50
Houperty, J. A.	2 50			2 50

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Howe, C. D.		6 00		6 00
Howitt, J. E.	5 50			5 50
Howland, G. W.	45 00			45 00
Hunter, A.	8 00			8 00
Hurst, R. O.	63 50			63 50
Hyland, H. H.	13 00			13 00
Ide, F. P.	12 25			12 25
Ireton, H. J. C.		30 00		30 00
Jackson, K. B.	22 25			22 25
Jackson, W. J.			9 00	9 00
Janes, R. M.	45 00			45 00
Jaques, L. B.			3 00	3 00
Jones, L. E.			9 00	9 00
Jones, T. H.	6 75			6 75
Keegan, R.	8 63			8 63
Kemp, H. R.	5 00			5 00
Kendall, E. W.	6 50	45 00		51 50
Kennedy, C. A.	11 75			11 75
Kennedy, W. P. M.	20 75			20 75
Kenrick, F. B.	16 75			16 75
Ketchum, J. D.	7 50			7 50
King, J. T.	10 25			10 25
Kingston, Rev. G. F.	5 75	30 00		35 75
Kirkwood, Mrs. M. M.	30 00			30 00
Kirkwood, W. A.	5 75	24 00		29 75
Klotz, Oskar	17 00			17 00
Knox, R. G.	11 75			11 75
Kreutzer, J.	36 75	39 00		75 75
Krieger, Miss C. C.	20 75			20 75
Krueger, L. F.	11 75			11 75
Kurtz, J. V.			7 50	7 50
Lacey, A.	22 25	21 00		43 25
La Flamme, A. K.	6 25	27 00		33 25
Laidlaw, Mrs. A. T.		12 00	1 50	13 50
Laing, Miss J. C.		27 00		27 00
Lamon, Miss F. E.		6 00		6 00
Lancaster, W. D.			27 00	27 00
Lange, V.		24 00		24 00
Laverty, A. M.			27 00	27 00
Lawson, S. C. D.			15 00	15 00
Lazier, M. J. C.	10 50	18 00		28 50
LeBel, Rev. E. C.		24 00		24 00
Lehmann, A. J. V.	10 75			10 75
Lewis, E. P.	16 00			16 00
Lewis, F. I.	45 00			45 00
Linell, E. A.	8 00			8 00
Lord, G. R.	10 50	12 00		22 50
Lorriman, F. R.	74 00			74 00
Loudon, J. D.	45 00			45 00
Loudon, T. R.	10 50			10 50
Lowe, Rev. John		24 00		24 00
Lowry, W. H.	45 00			45 00
McAndrew, A.			7 50	7 50
McAndrew, W. J.	8 50			8 50
MacArthur, J. W.	3 13			3 13
MacCallum, H. R.	14 50			14 50
McConkey, O.	19 12			19 12
McCullogh, W. S.	19 38	27 00		46 38
McCurdy, W. J.		30 00		30 00
McCutcheon, C. W. V.		12 00		12 00
McDonald, J. L.	45 00			45 00
MacDonald, Miss M. D.	4 75	30 00		34 75
Macdonald, W. C.	5 75			5 75
MacFarlane, J. A.	5 00			5 00
McGahey, Rev. J.	20 25			20 25
McGilvray, C. D.	27 00			27 00
McIlwraith, T. F.	10 50			10 50
McIntosh, R. A.	25 25			25 25
McIntosh, W. G.	21 25			21 25

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
McIntyre, J. H.			6 00	6 00
McIntyre, Rev. V.	5 25			5 25
MacKay, L. A.	7 75	39 00		46 75
Mackenzie, A. J.	45 00			45 00
MacKenzie, N. A. M.	20 75			20 75
McLaughlin, R. R.	11 50			11 50
MacLean, A.	2 75			2 75
McLean, E. C.	17 00			17 00
McLean, R. G.	35 25			35 25
MacMillan, Sir Ernest	39 50			39 50
McPhedran, A. G.	68 85			68 85
McPhedran, J. H.	45 00			45 00
McPhedran, W. F.	45 00			45 00
McQuitty, L. L.			13 50	13 50
McRostie, G. P.	17 25			17 25
McTaggart, H. A.	5 50			5 50
Madill, H. H.	5 00	21 00		26 00
Maltby, E. J.	45 00			45 00
Martin, W. H.	22 25			22 25
Meek, T. J.	10 75			10 75
Melson, J. W.	5 00			5 00
Miller, C. A.			6 00	6 00
Miller, H. C. H.			30 00	30 00
Miller, R. G.			12 00	12 00
Millman, P. M.	5 00			5 00
Mitchell, C. H.	6 00			6 00
Moffatt, R. C.	30 50			30 50
Montgomery, A. E.	15 25			15 25
Montgomery, R. J.		30 00		30 00
Moore, E. S.	5 25			5 25
Morrison, C. F.	16 00			16 00
Morrison, W. B.			7 50	7 50
Mowat, H. F.	45 00			45 00
Mueller, Miss V. E.		27 00		27 00
Murdoch, D. C.			27 00	27 00
Murphy, Miss A.	11 75			11 75
Murray, D. W. G.	45 00			45 00
Myers, C. R.	68 75			68 75
Needler, Miss M. C.		27 00		27 00
Newcombe, J. A.	5 25	39 00		44 25
Norris, C. A.			7 50	7 50
Norwood, G.	2 50			2 50
O'Donnell, Rev. J.	5 25			5 25
O'Donnell, J. L.			7 50	7 50
O'Toole, Rev. W. B.	3 38			3 38
Ozburn, R. H.	17 75			17 75
Panton, Miss J. R.	2 63			2 63
Parker, C. B.	50 00			50 00
Parker, J. H.			25 50	25 50
Parkes, Miss A. E. M.		27 00		27 00
Parkinson, J. F.	8 75			8 75
Parr, Miss E. M.			25 50	25 50
Parsons, A. L.	13 50			13 50
Patterson, G. C.	7 25			7 25
Paul, E. W.	25 75			25 75
Pavey, J.			16 50	16 50
Peckham, J. W.			22 50	22 50
Phelan, Rev. G. B.	5 25			5 25
Piersol, W. H.	2 90			2 90
Porter, Miss M. E.			27 00	27 00
Potter, H. A.	13 50			13 50
Pottle, H. L.			40 50	40 50
Pounder, I. R.	27 50	15 00		42 50
Pratt, E. J.	5 75			5 75
Pratt, Miss V. L.		36 00		36 00
Preston, R. A.		24 00		24 00
Price, H. W.	7 25			7 25
Quinlan, Miss F. M.	6 00	54 00		60 00
Rae, C. A.	45 00			45 00

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Raithby, G. E.	17 25			17 25
Rapson, W. H.			1 50	1 50
Reed, Miss E. J.	2 62	6 00		8 62
Reid, J. E.			7 50	7 50
Reid, Spence	45 00			45 00
Rice, H. V.		27 00		27 00
Richardson, W. L. C.		24 00		24 00
Ricker, E. A.			7 50	7 50
Riddell, R. G.		24 00		24 00
Riley, C. W.	19 25			19 25
Risdon, F. E.	8 88			8 88
Robertson, D. E.	45 00			45 00
Robertson, H. G.		24 00		24 00
Robertson, S. R.			42 00	42 00
Robinson, D. A. F.	15 75	24 00		39 75
Robinson, G. deB.	11 50			11 50
Robinson, T. A.	50 00			50 00
Romans, R. G.			1 50	1 50
Ross, J. W.	45 00			45 00
Rous, C. C.	5 25			5 25
Rowe, T. L.			6 00	6 00
Ruhnke, G. N.	29 75			29 75
Ryerson, E. S.	75 87			75 87
Sagar, W. L.		18 00		18 00
Salter, Miss M. D.			25 50	25 50
Santo, R. E.			7 50	7 50
Satterly, J.	5 50			5 50
Saunders, R. M.	64 00			64 00
Schofield, F. W.	32 25			32 25
Scott, P. L.	63 00			63 00
Scott, Wallace A.	45 00			45 00
Scott, William A.	68 50			68 50
Sharpe, Rev. W. C.	12 25			12 25
Shaw, J. E.	10 50			10 50
Shenston, N. S.	45 00			45 00
Shepherd, A. L.		27 00		27 00
Sheppard, N. E.	16 50			16 50
Shillington, G. B.		51 00		51 00
Shore, T. C.		30 00		30 00
Shutt, D. B.	7 25			7 25
Sifton, H. B.	37 75			37 75
Sissons, C. B.	12 25			12 25
Smallfield, H. A.	7 25			7 25
Smith, C. G.	17 50			17 50
Smith, E. A.	5 50			5 50
Smith, Leo	61 04			61 04
Smith, V. G.	24 00	30 00		54 00
Snyder, E. S.	26 75			26 75
Spence, J. J.		27 00		27 00
Sproule, W. H.	14 50			14 50
Staples, W. E.	5 25	24 00		29 25
Steele, T. M.		24 00		24 00
Stevenson, O. J.	17 00			17 00
Stillwell, E. C.	17 25			17 25
Stone, R. E.	15 50			15 50
Tait, G. W. C.			25 50	25 50
Tait, M. D. C.	10 50			10 50
Taylor, F. T.			7 50	7 50
Taylor, N. B.	6 25			6 25
Taylor, R.	5 75			5 75
Taylor, T. M. C.	5 50			5 50
Thompson, H. A.	2 50			2 50
Todd, R. C.			24 00	24 00
Tomlinson, A. H.	6 50			6 50
Toomer, J. E.		24 00		24 00
Treadgold, W. M.	5 25	12 00		17 25
Underhill, F. H.	17 00			17 00
Unruh, H. C.			25 50	25 50
Urquhart, D.			4 50	4 50

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Urquhart, R. W. I.	8 15			8 15
Van Wyck, H. B.	66 25			66 25
Waddell, Miss M. E. G.	6 50	24 00		30 50
Walker, Miss D. G.			22 50	22 50
Walker, Miss E. I.	2 50			2 50
Walker, E. M.	3 13			3 13
Walton, W. M.			15 00	15 00
Warner, W. P.	65 95			65 95
Warshaw, Leo			25 50	25 50
Wasteneys, H.	31 75			31 75
Watson, M. B.			25 50	25 50
Watt, J. C.	5 75			5 75
Welsh, W. K.	45 00			45 00
Wey, J. C.			25 50	25 50
White, J. H.	5 25	9 00		14 25
Whiteside, W. H.	6 50			6 50
Willan, Healey	55 65			55 65
Williams, C. H. M.	25 75			25 75
Williams, D. C.			24 00	24 00
Wilson, G. E.	50 00			50 00
Winnett, F. V.	2 63	21 00		23 63
Wiren, R. C.	5 25	27 00		32 25
Woodcock, A. H.			36 00	36 00
Woodcock, J. N.	13 75			13 75
Woodside, M. St. A.	8 25	42 00		50 25
Wookey, H. W.	50 50			50 50
Wright, Miss J. G.	5 25			5 25
Wright, W. W.	45 00			45 00
Young, C. R.	21 75			21 75
Young, H. E.			27 00	27 00
Zimmer, A. R.	16 25	36 00		52 25
	$6.603 21	$2,544 00	$1,537 50	$10,684 71

APPORTIONMENT

	Remuneration to Examiner	Presiding Officer	Attendance	Total
Arts	$1,097 29	$1,248 00	$967 50	$3.312 79
Medicine	3,095 45	180 00	154 50	3.429 95
Applied Science	512 50	534 00	256 50	1.303 00
Dentistry	508 75	102 00	82 50	693 25
Household Science	15 75	12 00		27 75
Forestry	28 25	51 00		79 25
Music	205 22	54 00		259 22
School of Nursing	5 00	63 00	19 50	87 50
Social Science		36 00	6 00	42 00
University Extension	40 00			40 00
Pedagogy		24 00		24 00
Matriculation	26 25	12 00	1 50	39 75
Pharmacy	327 00	9 00	49 50	385 50
Agriculture	538 75	180 00		718 75
Veterinary Science	132 25	27 00		159 25
Law	70 75	12 00		82 75
	$6.603 21	$2,544 00	$1,537 50	$10.684 71

Remuneration to examiners (as detailed above)		$6.603 21
Presiding and attendance (as detailed above)		4,081 50
Honoraria for special services as a Revising Committee:		
Prof. W. J. McAndrew, $100; Prof. H. Bennett, $100; Prof. J. N. Woodcock, $100; Rev. B. F. Sullivan. $100		400 00
Examination supplies and sundries ($2,269.42):		
Engrossing diplomas, etc.: S. Harrod. $287.25; G. B. Pritchard, $171	$458 25	
University Press, pseudonym books, etc.	1,635 63	

Accounts under $10 (5)	20 47	
Superintendent's Dept., freight, $1.42; labour, $152.19; material, $1.46	155 07	
		2.269 42
Printing examination papers and class lists:		
University Press		5.940 77
		$19,294 90
Less credit for sale of examination books, etc.		256 45
		$19.038 45

XVII. UNIVERSITY EXTENSION AND PUBLICITY

122. Salaries

W. J. Dunlop, Director, $5,250 — $83.75	$5.166 25	
B. W. Sharpe, Supervisor, Correspondence Courses and Evening Classes, $2,400 — $28.50	2,371 50	
Miss H. M. Latter, Secretary, 7 mos. @ $1,850 per annum (ob. 29 Jan.) $1,079 17 — $12.04	1,067 13	
Assistants:		
Miss M. J. J. Finlay, $1,300 — $13.75	1,286 25	
Miss D. deF. Milner, $1,250 — $13.12	1,236 88	
Miss Grace Anderson, $1,150 — $11.88	1,138 12	
Mrs. H. G. Petersen, Clerk, $1,200 — $12.50	1,187 50	
Stenographers:		
Miss L. B. Alexander	1,000 00	
W. A. Munro	1,000 00	
Miss A. D. Wren	900 00	
R. P. Brown, Stenographer and Clerk	900 00	
Workers' Educational Association Assistant, Drummond Wren, @ $2,500 (paid from Special Fund)	....	
		$17.253 63

123. Extension and Publicity Departments

(a) Extension:

1. Summer Session in Arts ($11,752):

Teachers' Course:

Instructors:

J. G. Andison	$420 00
F. E. Beamish	420 00
S. Beatty	490 00
Miss I. M. Biss	210 00
V. W. Bladen	210 00
W. H. Clawson	420 00
G. P. Cosgrave	420 00
D. G. Creighton	210 00
J. R. Daniells	560 00
H. J. Davis	420 00
V. deBeaumont	420 00
N. J. Endicott	210 00
R. D. C. Finch	420 00
G. P. deT. Glazebrook	210 00
R. K. Hicks	420 00
G. E. Holt	420 00
F. P. Ide	420 00
J. D. Ketchum	420 00
H. R. McCallum	420 00
J. F. Macdonald	420 00
Rev. J. E. McGahey	420 00
J. R. MacGillivray	210 00
E. W. McInnis	210 00
L. A. MacKay	420 00
I. R. Pounder	420 00
D. A. F. Robinson	490 00

J. Satterly	560 00
R. M. Saunders	210 00
Class Assistants:	
E. C. Black	120 00
C. F. Clark	200 00
A. Owen	20 00
J. J. Russell	150 00
Reader, H. L. Pottle	200 00
Attendance:	
W. Banton	20 00
L. Hughes	72 00
A. J. Wright	5 00
Course in Journalism:	
Instructor, Vernon McKenzie	420 00
Attendance, G. Town	45 00

2. Teachers' Classes ($8,632.35):

Instructors:	
G. L. Assie	300 00
K. S. Bernhardt	300 00
A. E. Birney	300 00
G. W. Brown	150 00
D. G. Creighton	150 00
Mrs. Sallee Creighton	300 00
E. A. Dale	300 00
B. R. English	300 00
F. A. Hare	300 00
V. Lange	300 00
W. Line	300 00
W. J. McCurdy	300 00
D. J. McDougall	150 00
J. R. MacGillivray	300 00
E. W. McInnis	150 00
P. M. Millman	300 00
J. F. Parkinson	300 00
E. J. Pratt	300 00
G. deB. Robinson	300 00
R. M. Saunders (including expenses, $170.18)	620 18
Griffith Taylor	300 00
T. M. C. Taylor	300 00
F. H. Underhill	150 00
W. J. Waines	300 00
F. H. Walter	300 00
Readers:	
D. G. Creighton	100 00
Mrs. H. B. Hedman	200 00
R. M. Saunders	100 00
Class Assistants:	
A. H. Clark	80 00
Miss V. E. Foster	100 00
C. N. Haldenby	50 00
P. G. Newell	50 00
Miss A. Nicholls	80 00
Miss F. S. Patterson	100 00
N. W. Radforth	50 00
S. A. Simmons	50 00
Miss E. K. M. Sims	80 00
Attendance:	
T. Buchanan	112 50
F. E. Harvey	6 50
W. Kouwenhoven	4 50
J. McCormack	47 25
E. J. Payne	166 67
Mrs. R. Rogers	2 50
G. Town	127 75
A. J. Wright	54 50

3. Correspondence Courses ($6,106):

Instructors:	
Teachers' Course:	
J. G. Andison	110 00
Miss I. G. Balthazard	324 00

K. S. Bernhardt	507 00
G. W. Brown	154 00
Miss A. C. Cole	212 00
G. P. Cosgrave	138 00
D. G. Creighton	102 00
J. R. Daniells	158 00
N. J. Endicott	104 00
R. Flenley	98 00
G. P. deT. Glazebrook	154 00
F. S. Hogg	212 00
H. L. Humphreys	126 00
A. Lacey	10 00
W. J. McCurdy	68 00
D. J. McDougall	194 00
Rev. J. E. McGahey	50 00
J. R. MacGillvray	296 00
E. W. Mc McInnis	194 00
L. A. MacKay	52 00
J. F. Parkinson	25 00
J. G. Perold	106 00
I. R. Pounder	40 00
Mrs. J. Robertson	115 00
R. M. Saunders	134 00
Miss F. A. Smith	254 00
M. D. C. Tait	126 00
T. M. C. Taylor	168 00
F. H. Underhill	144 00
W. J. Waines	76 00

Upper School and Commercial:

W. G. Baird	93 00
L. S. Beattie	129 00
W. G. Bennett	178 00
W. J. Brown	208 00
A. G. Croal	40 00
H. A. Grainer	132 00
H. G. Harvey	162 00
W. J. Lougheed	126 00
J. H. Mills	38 00
N. L. Murch	152 00
T. W. Oates	192 00
Miss E. M. Rutledge	205 00

4. Evening Classes ($13.427.39):

Toronto:

Instructors:

E. A. Allcut	420 00
G. L. Assie	200 00
W. Benton	20 00
J. W. Bateman	10 00
H. Boeschenstein	300 00
Mrs. E. A. Bott	200 00
W. A. Brant	10 00
R. A. Bryce	10 00
H. R. Byrd	10 00
J. Cano	200 00
E. W. Carpenter	200 00
H. Chamberlain	10 00
S. N. F. Chant	200 00
Mrs. K. H. Coburn	200 00
Miss A. Cochrane	200 00
L. H. Cragg	200 00
Mrs. Sallee Creighton	400 00
J. Davis	10 00
St. E. deChamp	200 00
J. M. Elson	850 00
J. Finkelman	200 00
R. Flenley	100 00
J. M. Forster	200 00
W. G. Frisby	200 00
G. P. deT. Glazebrook	100 00
J. S. Glen	200 00
E. Goggio	200 00

E. Gordon	49 00
Mrs. M. C. Graham	25 00
R. R. Grant	400 00
W. Green	130 00
N. L. Griffin	10 00
L. Harris	200 00
J. F. Heard	200 00
O. O. Hines	10 00
R. S. Hosking	200 00
M. E. Hurst	130 00
E. Johnson	200 00
F. H. Kirkpatrick	200 00
C. La Ferle	10 00
V. Lange	200 00
Miss I. Loudon	200 00
J. S. Luckett	10 00
R. N. McCormick	10 00
Miss M. D. MacDonald	200 00
E. W. McInnis	200 00
J. C. McInnes	600 00
W. A. McKague	10 00
A. MacLean	300 00
G. A. McMullen	200 00
Miss K. McMurrich	200 00
V. B. Meen	160 00
W. B. Morrison	10 00
J. Morrow	10 00
J. A. Newcombe	360 00
A. L. Parsons	200 00
Miss V. Peene	200 00
W. E. Perron	200 00
A. L. Richardson	200 00
J. H. Rickaby	10 00
St. George's School	400 00
E. G. Scott	10 00
R. M. Sedgewick	10 00
J. M. Shaw	10 00
A. A. Shuyler	200 00
D. Snygg	200 00
E. E. Sparrow	10 00
A. Stark	200 00
J. A. Taylor	10 00
J. E. Thomson	300 00
Toronto Conservatory of Music	395 00
A. B. Ward	200 00
D. C. Williams	200 00
R. M. Winter	200 00
C. Zusi	10 00

Attendance:

A. Bain	2 50
R. Brown	52 25
A. Clarke	159 50
C. Crowther	5 00
J. Harding	94 25
H. Hill	127 00
W. Kouwenhoven	1 95
J. McCormack	3 25
A. J. Maycock	23 25
Mrs. R. Milne	6 00
E. G. Payne	5 33
F. Stark	3 00
A. J. Wright	6 50
Mrs. A. Yates	7 50
Superintendent's Dept., labour	281 11

5. Workers' Educational Association and Farmers' Classes ($7,996.15):

Instructors:

Toronto:

Art Gallery of Toronto	200 00
S. N. F. Chant	200 00
S. D. Clark	50 00
V. F. Coe	90 00

G. P. Cosgrave	200 00
W. M. Drummond	110 00
W. G. Frisby	200 00
C. W. M. Hart	200 00
H. R. Kemp	80 00
G. A. McMullen	200 00
L. T. Morgan	200 00
T. Mustard	200 00
J. G. Perold	50 00
J. D. Robins	200 00
M. D. Salter	50 00
L. Warshaw	200 00
E. T. Waters	200 00
M. Winspear	200 00
R. M. Winter	200 00
H. D. Woods	60 00
Beaverton:	
R. L. Vincent (including expenses, $90)	290 00
Brantford:	
F. Ferguson (including expenses, $22.10)	222 10
H. L. Hutton	100 00
Fergus:	
C. R. Philp (including expenses, $21)	221 00
Galt:	
S. D. Clark (including expenses, $69.95)	249 95
Guelph:	
Miss E. Lang (including expenses, $35.40)	175 40
L. Warshaw (including expenses, $21)	81 00
Hamilton:	
S. D. Clark (including expenses, $52.05)	252 05
J. S. Gemmell	170 00
N. MacDonald	200 00
K. H. Rogers (including expenses, $41)	241 00
A. Wingfield	200 00
Innerkip:	
M. K. Inman (including expenses, $3)	23 00
Kingston:	
W. E. C. Harrison	200 00
Kitchener:	
A. Wingfield (including expenses, $35)	235 00
London:	
R. B. Liddy	200 00
C. Sivertz	60 00
Oshawa:	
H. D. Woods (including expenses, $24.80)	184 80
Peterborough:	
Gordon Price (including expenses, $119.30)	319 30
Preston:	
F. Ferguson	200 00
St. Catharines:	
S. Legge (including expenses, $41.65)	121 65
Stratford:	
D. J. Wilson (including expenses, $49.50)	249 50
Windsor:	
C. Sivertz (including expenses, $120.90)	320 90
Woodstock:	
D. J. Wilson (including expenses, $44.50)	244 50
Attendance:	
R. Brown	1 00
W. Kouwenhoven	68 80
J. McCormack	71 20
E. G. Payne	4 00

6. Short Courses ($793.95):

Instructors:

Nurses:

G. C. Brink	30 00
W. J. Dobbie	20 00
Miss H. Frost	70 00
A. E. Grauer	60 00
R. I. Harris	10 00
Miss E. Hickey	5 00

J. D. Ketchum	40 00
J. A. Long	70 00
A. L. McNab	10 00
Miss E. Moore	5 00
J. T. Phair	10 00
F. W. Routley	20 00
N. S. Shenstone	10 00
G. H. Stevenson (including expenses, $8.50)	18 50
G. J. Wherrett (including expenses, $20.45)	30 45
Miss M. E. Wilkinson	5 00
Public Administration:	
E. R. C. Bower	10 00
A. Brady	20 00
H. L. Brittain	10 00
A. E. K. Bunnell	20 00
F. R. Crocombe	80 00
E. W. Cross	20 00
E. A. Danby	10 00
W. S. Ferguson	50 00
J. Finkelman	40 00
K. G. Gray	40 00
H. E. Manning	50 00
Wm. Morrison	10 00
Judge H. S. Mott	20 00

7. Course in Occupational Therapy ($3.076.63):

Instructors:

Miss H. P. LeVesconte, Instructor in Practical Subjects, 8 mos.	1.000 00
R. G. Armour	40 00
H. Ball	75 00
N. Dean	10 00
J. H. Elliott	30 00
J. G. Falconer	50 00
A. A. Fletcher	20 00
Mrs. R. M. Franks	120 00
Miss J. Hampson	100 00
Miss N. Lea	100 00
F. I. Lewis	20 00
J. L. McDonald	40 00
K. G. McKenzie	20 00
Miss O. Noble	300 00
Ontario College of Art	300 00
Miss I. Palen	10 00
S. W. Perry	300 00
J. H. Ryan	100 00
A. N. Scarrow	300 00
E. T. Waters	75 00
R. C. Blewett, book stands	10 65
Copp, Clark Co., text books	1 60
Doubleday, Doran & Co., book	2 07
Toronto Type Foundry, card cutter	37 50
Superintendent's Dept., labour, $10.28; material, $4.53	14 81

8. Course in Physiotherapy ($3.664.63):

Instructors:

W. J. Gardiner, Instructor in Therapeutics and use of Machines, and Supervisor of Course, 8 mos. (paid also in Therapeutics)	500 00
Mrs. F. Woodcock, Massage, 8 mos. (paid also in School of Nursing) $1,200 — $12.50	1.187 50
Miss E. J. Ely, Remedial Gymnastics, 8 mos.	900 00
H. D. Ball	75 00
Miss E. H. Britton	150 00
Mrs. Sallee Creighton	200 00
W. K. F. Kendrick	200 00
St. John's Ambulance Association	193 00
E. T. Waters	75 00
Allen Mfg. Co., laundry	7 03
Superintendent's Dept., labour, $109.31; material, $67.79	177 10

9. Social Functions for Courses and Classes ($205.25):		
Geo. Coles Ltd.	150 00	
School of Nursing	36 25	
University Women's Club	19 00	
10. Books for loan to Extension students ($35.72):		
Macmillan Co.	11 33	
Accounts under $10 (8)	24 39	
11. Office expenses ($4,328.20):		
Stationery, printing, postage, supplies and incidentals, ($3,214.20):		
D. Gestetner Ltd., ink, paper and stencils	957 71	
Grand & Toy, cupboards, desk and book	162 05	
Photographic Service, prints and slides	28 10	
Postage	825 00	
Robbins & Townsend, 3 rebuilt typewriters, $158; rental, inspection, etc., $108.70	266 70	
University Press, printing and stationery	917 25	
Sundry disbursements by Director:		
Carfare, $7; telegrams, etc., $15.11; sundries, $6.80	28 91	
Superintendent's Dept., labour, $19.24; material, $9.24	28 48	
Extra clerical assistance ($1,114):		
Miss J. Brown, 10½ weeks	165 34	
W. J. Dunlop, 49 weeks, 5 days	853 66	
R. Guilding, 9½ weeks	95 00	
	$60,018 27	
(a) Publicity:		
1. Advertising and announcements ($1,381.29):		
Canadian Association of Occupational Therapy	$40 00	
Canadian Churchman	12 00	
Canadian Comment	30 00	
Canadian Legion of the British Empire League	26 25	
Canadian Public Health Association	46 68	
Dufferin School Old Boys' Association	15 00	
Educational Courier	14 00	
Educational Publishing House	24 00	
Evening Telegram	185 25	
Forestry Chronicle	50 00	
Glebe College Institute	15 00	
Globe and Mail	202 70	
Lisgar College Institute	15 00	
Mail and Empire	155 80	
Missionary Monthly	15 00	
Normal School, Ottawa	12 00	
Ontario Bonspiel	25 00	
Ontario School Trustees and Ratepayers' Association	30 00	
Parkdale Collegiate Institute	10 00	
Sault Ste. Marie Collegiate Institute	10 00	
Scarboro Collegiate Institute	12 00	
Toronto Normal School	20 00	
Toronto Daily Hebrew Journal	12 00	
Toronto Daily Star	183 05	
University of Toronto Monthly	22 50	
Welland High School	10 00	
Wilson Publishing Co.	10 08	
Accounts under $10 (33)	177 98	
2. Issue of University bulletins, exhibits and other forms of publicity ($1,698.60):		
Alumni Federation, reprints and announcements	65 50	
Canadian Press Clipping Service	60 00	
Copp, Clark Co., almanac	20 00	
J. Harding, overtime services	2 50	
Photographic Service, prints, slides and lantern service	25 10	
Postage	870 00	
University Press, printing and stationery	655 50	
3. Travelling expenses of organizers and speakers:		
W. J. Dunlop	220 25	
	$63,318 41	
Less credit from sale of bulletins, star maps, etc	601 05	
		$62,717 36
		$79,970 99

XVIII. MEN'S RESIDENCES

124. Maintenance of Buildings

(a) University (North, East and South Houses):			
Heat and light		$3,294 06	
Water		169 63	
Caretaker's supplies:			
Superintendent's Dept., material		363 40	
Cleaning and house service ($6,629.16):			
Allen Mfg. Co.. laundry		461 01	
Baker Carpet Cleaning Co.		7 10	
Superintendent's Dept., labour		6.161 05	
Repairs and renewals ($3,776.87):			
Art Window Shade Co., shades		18 55	
T. Eaton Co., settee and chairs, etc.		203 95	
Federal Floor Finishing Co., re-surfacing floors		12 00	
Gordon, Mackay & Co., blankets		227 52	
Italian Mosaic & Tile Co., tiling		2 76	
Routery Bros., plaster repairs		157 65	
Robt. Simpson Co., chairs and curtains		113 00	
John Smith, furniture repairs		20 00	
Superintendent's Dept., labour, $2,169.30; material, $852.14		3.021 44	
Caretaker ($1.279.98):			
G. W. L. Pratt, 3 mos. to 30 Sept., $337.50 — $3.60		333 90	
H. Brown, 9 mos.		946 08	
		$15.513 10	
Less heat and light charged to Central Power Plant	$3.294 06		
Credit for repairs, etc.	266 36		
		3.560 42	
			$11.952 68
(b) University College (No. 73 St. George Street):			
Light		$229 40	
Fuel:			
Central Coal Co.		613 22	
Gas, $10.48; water, $77.23		87 71	
Caretaker's supplies:			
Superintendent's Dept., material		73 78	
Cleaning and furnaceman ($2,088.55):			
Allen Mfg. Co., laundry		113 61	
New Method Laundry Co.		67 97	
Superintendent's Dept.. labour		1,906 97	
Repairs and renewals ($550.05):			
Patterson & Heward, brass sign		35 10	
Superintendent's Dept., labour, $401.72; material, $113.23		514 95	
		$3.642 71	
Less light charged to Central Power Plant	$229 40		
Credit for repairs	14 52		
		243 92	
			$3,398 79
			$15,351 47

XIX. WOMEN'S RESIDENCES AND UNION

125. Maintenance of Buildings

Whitney Hall:	
Heat and light	$4.802 75
Fuel ($125.84):	
Central Coal Co.	115 79
Evans Coal Co.	10 05
Gas, $348; water, $481.77	829 77
Repairs and renewals ($1,940.68):	
Wm. Bartlett & Son, shades	14 70
Italian Mosaic & Tile Co., tiling	11 46
Kelvinator Ltd., refrigerator service	12 48
Perrin-Turner Ltd., ice machine repairs	46 25
N. Quesnel, incinerator and boiler repairs	18 45
Vulcan Asphalt & Supply Co., tile repairs	41 81
Accounts under $10 (6)	16 75
Superintendent's Dept., labour, $1,439.89; material, $338.89	1.778 78

Furnace and boiler man:		
Superintendent's Dept., labour	368 07	
	$8.067 11	
Less heat and light charged to Central Power Plant	4.802 75	
		$3.264 36
92 and 94 St. George Street:		
Fuel ($716.47):		
Central Coal Co.	$695 78	
Evans Coal Co.	17 85	
Superintendent's Dept., labour, $2.34; material, 50c.	2 84	
Gas, $36.72; electric current, $106.92; water, $48.53	192 17	
Repairs and renewals ($1,026.51):		
Art Window Shade Co., repairs	25	
Superintendent's Dept., labour, $790.22; material, $236.04	1.026 26	
Furnace and boiler man:		
Superintendent's Dept., labour	115 80	
		2.050 95
49 St. George Street:		
Fuel ($410.08):		
Central Coal Co.	$394 24	
Evans Coal Co.	11 98	
Superintendent's Dept., labour, $2.36; material, $1.50	3 86	
Gas, $22.96; electric current, $141.35; water, $33.54	197 85	
Repairs and renewals:		
Superintendent's Dept., labour, $234.68; material, $59.63	294 31	
Furnace and boiler man:		
Superintendent's Dept., labour	67 52	
		$969 76
University College Women's Union:		
Heat and light	$987 95	
Gas, $152.37; water, $67.94	220 31	
Repairs and renewals ($1.077.11):		
Wm. Bartlett & Son, shades	2 23	
Vulcan Asphalt & Supply Co., repairs	62 76	
Superintendent's Dept., labour, $784.67; material, $227.45	1.012 12	
Caretaker, Leo Cole, 12 mos., $1,350 — $14.38; (and overtime, $2)	1.335 62	
	$3.620 99	
Less heat and light charged to Central Power Plant	987 95	
		$2.633 04
		$8.918 11

126. HOUSEKEEPING ACCOUNT

(a) Combined General Charges:

Provisions ($23,412.15):	
Acme Farmers' Dairy	$2.111 25
B. Amodeo & Son, fruit and vegetables	3.752 76
Arcadia Florist, flowers	82 50
H. J. Ash, fruit and vegetables	48 90
James Bamford & Sons	57 40
Barker's Bread	47 40
Belle-Ewart Co., ice	52 90
Bi-a-cake Food Shop, cakes	16 20
J. Blood, meat and provisions	26 23
Bowes Ltd., fruit and nuts	1.633 14
Bredin's Bread	83 88
Canada Bread Co.	352 78
Canada Dry Ginger Ale	104 88
Canada Packers Ltd., meat	3.474 66
Central Wholesale Grocers, canned goods	78 61
Christie, Brown & Co., biscuits	115 42
City Dairy	543 70
Geo. Coles Ltd., cake and biscuits	26 74
Daily Brand Co., preserves	77 67
John F. Fee, eggs	368 55
Miss Marion B. Ferguson, disbursements	10 13
Mrs. A. B. Gauldie, preserves	18 72
General Foods Ltd., coffee and jelly powder	15 55

Glencoe Provisions, hams	11 48
Golden Glow Products Co., eggs	15 60
Grimsby Pickle Co., pickles	30 30
Haeberlin Swiss Bakery, confectionery	42 66
Miss F. C. Hahn, honey	55 00
G. C. Hardy, cheese	84 11
Samuel Harris, meat	698 00
H. J. Heinz & Co., canned goods	127 27
Harry Horne Co., nuts and provisions	79 13
J. Hunnisett, Jr., meat	185 56
Hunt's Ltd., confectionery	55 65
Ideal Bread Co.	576 76
Kraft Distributors Ltd., cheese	36 40
S. Lightfoot, fruit and vegetables	19 50
Loblaw Groceterias, provisions	1.416 47
James Lumbers Co., tea and provisions	345 65
McCormick Mfg. Co., biscuits	252 82
D. McIntyre Co., fish	282 24
MacIver Co., meat	552 66
McLaren Ltd., olives	12 59
M. P. Mallon, poultry	265 92
National Grocers Ltd., provisions	3.646 47
Wm. Neilson Ltd., ice cream	578 56
Purity Bread	182 25
Red Wing Orchards, apples and juice	73 20
Robertson Bros., confectionery	12 59
M. J. Smith, fruit and vegetables	57 09
Watson Food Products, potato chips	71 75
F. Wells, poultry	273 94
George Weston Ltd., biscuits	99 00
George Weston Bread & Cake Co., bread	115 35
Accounts under $10 (11)	56 21

Cleaning and house service ($7,689.22):

T. Eaton Co., cleaning supplies, etc.	97 34
Miss Marion B. Ferguson, sundry disbursements	12 62
A. Guinness & Co., wax paper, doilies, napkins, etc.	77 34
Dr. H. Gibson Hall, medical examination of maids	22 50
Stewart-Le Grice Ltd., candles	18 67
J. T. B. Sweetman & Son, silver cleaning material	10 00
Accounts under $10 (2)	5 40
Pay lists, wages of maids, etc.	7.445 35

Furnishings and sundry renewals ($924.08):

Canadian Westinghouse Ltd., washer	67 47
Cassidy's Ltd., dishes and glassware	420 32
Crescent Plating Co., plating	15 25
T. Eaton Co., utensils, etc.	29 02
Hobart Mfg. Co., mixer repairs	48 15
Lionel Rawlinson, refinishing furniture	80 00
Robt. Simpson Co., linens, plating, etc.	213 48
Wrought Iron Range Co., utensils	40 08
Superintendent's Dept., labour, $8.35; material, $1.96	10 31

Office supplies, infirmary service, etc. ($276.48):

T. Eaton Co., medical supplies, pencils, pads, etc.	45 75
Consolidated Plate Glass Co., vitrolite	22 54
Miss Marion B. Ferguson, disbursements:	
Telegrams, etc., $3.05; drugs, etc., $9.82; postage, $30	42 87
Office Specialty Mfg. Co., lockers	31 24
Miss M. Porter, clerical assistance, 30 hours	18 00
University Press, printing and stationery	101 08
Accounts under $10 (4)	9 66
Superintendent's Dept., material	5 34

Staff salaries (additional to Dean of Women charged under University College General):

Dietitians (with living valued @ $400 each):	
Miss J. Barber, 12 mos., $1,700 — $18.75	$1.681 25
Miss V. R. Murphy, 10 mos.	1.000 00
Summer Assistant:	
Miss R. Hare, 5 weeks, 1 day	41 35
Miss M. Storey, 3 mos., 5 days	158 35

Secretary-Hostess, Mrs. L. R. Howard, 12 mos. (with living valued @ $400)		1,000 00		
Nurse-Housekeeper, Mme. J. Ledoux. 12 mos. (with living valued @ $400)		1.000 00		
		$4,880 95		
charged as follows:				
Combined General Charges	$3.880 95			
Women's Union	400 00			
Whitney Hall	600 00			
			3.880 95	
			$36.182 88	
Less credits: Napkin rings, etc.			15 00	
				$36,167 88
(b) University College Women's Union:				
Cleaning and house service ($1.526.49):				
Economy Rug Cleaning Co., rugs cleaned			$21 60	
Miss Marion B. Ferguson, sundry disbursements			25 08	
Langley's Ltd.. chairs and chesterfield cleaned			30 60	
Parisian Laundry Co.			127 45	
Toronto Window Shade Cleaning Co.			32 90	
Accounts under $10 (5)			15 92	
Superintendent's Dept., labour, $102.59; material. $193.08			295 67	
Pay lists, wages, of maids, etc.			977 27	
Furnishings and sundry renewals ($341.49):				
Jas. Barr, bed			35 00	
Brown's Upholstery. slip covers. etc.			60 40	
T. Eaton Co., bed spread. fire guards, etc.			40 39	
Lionel Rawlinson, refinishing furniture			15 00	
Robt. Simpson Co., tapestry, linens, etc.			110 12	
Thornton, Smith Co., recovering settee			50 50	
Superintendent's Dept., labour, $18.15; material, $11.93			30 08	
Piano, magazines, etc. ($65.45):				
T. Eaton Co., magazines, paper, envelopes, etc.			34 45	
Miss Marion B. Ferguson. sundry disbursements			4 50	
Heintzman & Co.. tuning, etc.			26 50	
Share of salaries detailed under Combined General Charges			400 00	
			$2.333 43	
Less credit for extra services			50 00	
				$2.283 43
(c) Whitney Hall:				
Cleaning and house service ($8.297.87):				
Advance Window Cleaning Co.			$61 75	
T. Eaton Co., cleaning supplies			53 90	
Economy Rug Cleaning Co., rugs cleaned			112 21	
Miss Marion B. Ferguson, sundry disbursements			23 38	
John Garde & Co., sewing machine repairs			11 10	
Langley's Ltd., curtains and chesterfield cleaned			54 66	
Parisian Laundry Co.			1.106 36	
Parker's Dye Works, drapes, chairs and chesterfield cleaned			83 25	
Singer Sewing Machine Co., needles and shuttles			3 00	
Superintendent's Dept., labour, $464.08; material, $580.04			1.044 12	
Pay lists, wages of maids, etc.			5.744 14	
Furnishings and sundry renewals ($1.138.34):				
Brown's Upholstery, chairs and chesterfield recovered			244 65	
T. Eaton Co., plating. linens. etc.			123 11	
John Kay Co., rug			25 00	
Lionel Rawlinson, refinishing and polishing furniture			265 00	
Robt. Simpson Co., material, linens, etc.			302 39	
Superintendent's Dept., labour, $17.48; material, $160.71			178 19	
Piano:				
Heintzman & Co., tuning			22 50	
Share of salaries detailed under Combined General Charges			600 00	
			$10.058 71	
Less credit from students' damages, etc.			285 35	
				$9.773 36

(d) 94 St. George Street:		
Cleaning and house service ($1,491.23):		
Allen Mfg. Co., laundry	$142 49	
T. Eaton Co., cleaning supplies	15 32	
Economy Rug Cleaning Co., rugs cleaned	26 68	
Langley's Ltd., chair and chesterfield cleaned	17 85	
Toronto Window Cleaning Co.	10 00	
Accounts under $10 (5)	15 94	
Superintendent's Dept., labour, $37.12; material, $134.96	172 08	
Pay lists, wages of maids, etc.	1,090 87	
Furnishings and sundry renewals ($396.44):		
Brown's Upholstery, slip covers, etc.	52 20	
T. Eaton Co., linoleum, fire guards, towelling, etc.	76 69	
Robt. Simpson Co., beds, material, etc.	170 83	
Accounts under $10 (3)	16 20	
Superintendent's Dept., material	80 52	
Piano:		
Heintzman & Co., tuning	7 50	
Meals for Resident Head	144 00	
	$2.039 17	
Less credit for extra services	25 00	
		$2,014 17
(e) 49 St. George Street:		
Cleaning and house service ($810.14):		
Allen Mfg. Co., laundry	$60 00	
Langley's Ltd., drapes and chesterfield cleaned	37 17	
Accounts under $10 (4)	21 60	
Superintendent's Dept., labour, 32c; material, $26.08	26 40	
Pay lists, wages of maids, etc.	664 97	
Furnishings and sundry renewals ($107.25):		
T. Eaton Co., fire screens, etc.	10 39	
Lyons Bedding & Upholstering Co., mattress	4 35	
Robt. Simpson Co., material, etc.	18 61	
Ward-Price Ltd., rug	55 00	
Superintendent's Dept., material	18 90	
Piano:		
Heintzman & Co., tuning	7 50	
	$924 89	
Less credit for extra services	22 45	
		$902 44
		$51.141 28
		$60.059 39

XX. 127. CENTRAL POWER PLANT

Fuel ($75,145.08):	
British American Oil Co.	$100 00
Canada Coal Co.	14.469 85
Cities Service Oil Co.	120 00
Great Lakes Coal Co.	60.295 58
McColl-Frontenac Oil Co.	50 00
Paramount Petroleum Co.	100 00
Superintendent's Dept., labour, $8.25; material, $1.40	9 65
Hydro-Electric current, $26,031.85; water, $572.54	26,604 39
Repairs and renewals, engineers' supplies and miscellaneous items ($13.378.28):	
Babcock-Wilcox & Goldie-McCulloch, piston, rod, etc.	469 34
Beldam's Asbestos Packing Co., gauge glasses, etc.	59 18
Canadian Charts & Supplies, charts	71 07
Canadian Gasket Co., gaskets	58 62
Canadian General Electric Co., piston head	192 85
Canadian National Carbon Co., batteries, etc.	63 98
Connaught Laboratories, charts	10 80
Dearborn Chemical Co., treatments	473 26
D. G. C. Trap & Valve Co., bushings	24 99
Dominion Carbon Brush Co., brushes	54 39
Elliott & Co., cutter	28 14
Foster & Wheeler Ltd., brick	661 78
Garlock Packing Co., packing	45 72

Grant Contracting Co., roof for coal bunker	1.294 00	
Hamilton Gear & Machine Co., gears	73 44	
Harkness & Hertzberg, engineers' services and repairs to boiler room	728 16	
McColl-Frontenac Oil Co., oil	415 66	
Morrison Brass Mfg. Co., valve repairs, etc	125 35	
Ramsay Contracting Co., concrete repairs	131 40	
Robinson Clay Products, bricks	46 92	
Schulte Koerting, furnace parts	191 45	
W. Sherwood & Sons, generator repairs, etc	10 00	
Smart Turner Machine Co., pump	54 80	
Wm. G. Stephenson, surfacing and grading	231 00	
G. F. Sterne & Sons, cement	66 91	
University Press, printing and stationery	17 73	
Accounts under $10 (6)	39 72	
Advertising for coal tenders	37 80	
Superintendent's Dept., freight, $106.15; labour, $5.836.10; material. $1,757.57	7.699 82	
Engineers, assistant engineers, firemen and trimmers ($19.887.42):		
Chief Engineer, C. S. Moseley, 12 mos., $2,900 — $36	2.864 00	
Assistant engineers @ $120 to $150 per month:		
L. McMaster, $1,800 — $20	1.780 00	
W. Smith, $1,800 — $20	1.780 00	
A. McHugh, $1,680 — $18.50	1.661 50	
S. Simpson, $1,560 — $17	1,543 00	
Firemen @ $105 to $107 per month:		
Sundry persons	6.248 40	
Trimmers, boiler cleaners and pump attendants @ $90 to $117.50 per month:		
Sundry persons	4.010 52	
	$135.015 17	
Less sale of cinders, etc	120 23	
		$134.894 94

XXI. MISCELLANEOUS AND GENERAL

128. Central Stores

Storekeeper, C. A. Johnston, 12 mos., $1,900 — $21.25	$1.878 75	
Assistant Storekeeper, S. Tipping, 12 mos., $1,100 — $11.25	1 088 75	
Clerk ($948.30):		
Miss J. H. Bemrose, 5 mos., $500 — $5.20 (resigned)	494 80	
Miss M. R. Le Grow, 29½ weeks @ $14	413 00	
Miss M. Pond, 3 weeks @ $13.50	40 50	
Heat and light	294 89	
	$4.210 69	
Less heat and light charged to Central Power Plant	294 89	
		$3.915 80

129. Grounds

Foreman Gardener, R. R. Corbett, 12 mos., $1,800 — $20	$1.780 00
Lighting account	331 88
Labour, gravel, roadways, granolithic walks, flowers, shrubs and general expenses ($17,494.93):	
Aikenhead Hardware Ltd., hardware	460 60
Barrett Co., tarvia	35 00
British & American Motors Ltd., truck, $1.124.84; less allowance on old truck, $140, $984.84; lubricant, etc., $8	992 84
Builders' Supplies Ltd., stone, lime, etc	10 33
Central Coal Co., fuel	22 10
City Treasurer, water rates, repairs to water main, hydrant, manholes, etc	292 60
Colas Roads Ltd., road building compound	14 45
Comrie Lumber Co., lumber	49 42
Concrete Pipe Ltd., pipe	19 44
Connaught Laboratories, feed	97 11
East Hamilton Auto Body & Fender Repair Works, automobile repairs	17 10
Grant Contracting Co., catch basins and covers, repairs to walks, etc.	379 24
Joe Hampson, sand	22 50

F. Hogg, Nursery Co., plants		65 95	
Kinghorn Construction Co., roadway repairs		865 31	
McBain Foundry, grills		15 55	
B. W. Miller & Sons, plants		210 19	
P. Mulholland & Co., hay		33 95	
Geo. Oakley & Sons, sandstone		27 50	
Provincial Treasurer, truck license		65 00	
Ramsay Contracting Co., roadway repairs		343 63	
Hugh Reid, horse-shoeing		46 70	
Sheridan Nurseries, trees		21 75	
Wm. G. Stephenson, surfacing pathway		465 22	
W. P. Warner, sod		159 45	
York Nurseries, plants		13 00	
Accounts under $10 (5)		19 69	
Superintendent's Dept.. labour, $10,818.32; material, $1,910.99		12.729 31	
		$19.606 81	
Less light charged to Central Power Plant	$331 88		
Credit for cartage	129 58		
		461 46	
			$19.145 35

130. PROTECTIVE SERVICE

Pay of Constables and Nightwatchmen ($15,867.11):		
Constables:		
R. D'Arcy. 12 mos., $1,950 — $21.88	$1,928 12	
W. J. Scott, 12 mos., $1,550 — $16.88	1.533 12	
H. V. Spence, 12 mos.. $1,500 — $16.25	1.483 75	
C. Scruby. 9 mos. $945 — $9.94 (see also below)	935 06	
Nightwatchmen:		
J. Kirkwood, 12 mos., $1.320 — $14	1.306 00	
A. Smith. 11 mos., 12 nights (paid also in Ontario College of Education) $1.259.36 — $14	1.245 36	
W. N. Lotto, 11½ mos., $1.207.50 — $12.70	1.194 80	
W. A. Evans, 11 mos., 15 nights, $1.205.81 — $12.68	1.193 13	
W. Hunter, 12 mos., $1,200 — $12.50	1.187 50	
J. C. Smith, 12 mos., $1,200 — $12.50	1.187 50	
W. Gordon, 9 mos., (paid also in Ontario College of Education) $958.33 — $13.25	945 08	
A. R. Endersby, 36 weeks, 6 nights	774 00	
C. Scruby, 3 mos., $315 — $3.31	311 69	
P. McClory, 10 weeks, 3 nights	219 00	
D. Keddie, 10 weeks, 2 days	216 00	
W. Davis, 9 weeks, 6 nights	207 00	
Uniforms, clocks, dials, etc. ($426.61):		
A. A. Allan & Co., uniforms	17 28	
Harding Bros., clock repairs	76 50	
Ontario Tailoring Co.. uniforms	96 00	
Tip Top Tailors, trousers	19 35	
Tower Canadian Ltd., coat repairs	20 56	
University Press, printing and stationery	31 54	
Superintendent's Dept.. labour, $140.92; material, $24.46	165 38	
		$16.293 72

131. TELEPHONES

Bell Telephone Co., service to 30 June		$12.209 00
Less receipts from sub-services	$3.330 82	
residences	731 00	
slot machines	156 23	
		4.218 05
		$7.990 95
Switchboard operators ($3,628.37):		
Mrs. J. Hoddinott, 12 mos., $1,040 — $10.50		1.029 50
Miss E. M. Crawford, 12 mos		936 00
Miss N. Rowberry, 5 mos.. 29 days		439 07
Relief:		
Miss M. Maher		551 25
Miss V. Covert		208 60
Miss J. Brown		184 50
Miss M. Burgess		126 00

Miss M. Houston	99 00	
Miss L. Reed	29 55	
Miss L. M. McDonald	17 40	
Miss I. Morrison	7 50	
		$11.619 32

132. Insurance

Fire:

Major premiums, three year Schedule:

Liverpool & London & Globe Insurance Co.	$1,280 13
Royal Insurance Co.	1,280 12
General Accident, Fire & Life Assurance Corporation	1,227 87
Home Insurance Co.	1,097 25
AEtna Insurance Co.	966 63
Atlas Assurance Co.	966 63
Continental Insurance Co.	966 63
Guardian Assurance Co.	966 63
London & Lancashire Insurance Co.	966 63
Norwich Union Fire Insurance Society	966 63
Scottish Union & National Insurance Co.	966 63
Sun Insurance Office	966 63
Alliance Assurance Co.	966 62
British America Assurance Co.	966 62
Hartford Fire Insurance Co.	966 62
London Assurance Corporation	966 62
Northern Assurance Co.	966 62
Queen City Fire Insurance Co.	966 62
Western Assurance Co.	966 62
Dominion of Canada General Insurance Co.	940 50
Phoenix Assurance Company of London	940 50
Quebec Fire Insurance Co.	888 25
Commercial Union Assurance Co.	783 75
Law Union & Rock Insurance Co.	783 75
Yorkshire Insurance Co.	783 75
Essex & Suffolk Equitable Insurance Society	705 38
Caledonian Insurance Co.	705 37
New York Underwriters' Insurance Co.	705 37
Employers' Liability Assurance Corporation	574 75
Insurance Company of North America	574 75
United British Insurance Co.	574 75
Royal Exchange Assurance Co.	496 37
British Crown Assurance Corporation	418 00
British Traders' Insurance Co.	418 00
New Hampshire Fire Insurance Co.	418 00
Phoenix Insurance Company of Hartford	418 00
Protector Underwriters' Agency	418 00
Queen Insurance Company	418 00
Scottish Canadian Assurance Corporation	418 00
Union Assurance Society	418 00
Dominion Fire Insurance Co.	339 62
British General Insurance Co.	313 50
British Northwestern Fire Insurance Co.	313 50
British Oak Insurance Co.	313 50
Legal & General Assurance Society	313 50
Mercantile Insurance Co.	313 50
Ocean Accident & Guarantee Corporation	313 50
Perth Mutual Fire Insurance Co.	313 50
Scottish Metropolitan Assurance Co.	313 50
British Canadian Insurance Co.	261 25
State Assurance Co.	261 25
Union Insurance Society of Canton	261 25
British Empire Assurance Co.	182 88
Canadian Surety Co.	182 88
Globe Indemnity Company of Canada	182 88
Prudential Insurance Company of London	182 88
Southern Insurance Co.	182 88
Canadian General Insurance Co.	182 87
Imperial Guarantee & Accident Insurance Co.	182 87
Waterloo Mutual Fire Insurance Co.	130 63
London-Canada Insurance Co.	130 62
North British & Mercantile Insurance Co.	5.128 75

Boiler Inspection & Insurance Co.	3,076 25	
Commercial Union Assurance Co. (Connaught Laboratories)	3,600 00	
	$49,163 75	
One-third of above amount charged to Revenue, 1936-37 (balance carried forward)	$16,387 91	
Casual premiums:		
Economics Building:		
Gore District Insurance Co.	50 00	
Perth Mutual Fire Insurance Co.	50 00	
Scottish Union & National Insurance Co.	305 49	
Dunlap Observatory:		
North British & Mercantile Insurance Co.	240 75	
Railway Passengers' Assurance Co.	240 75	
Storage Sheds:		
Dominion Fire Insurance Co.	367 50	
Railway Passengers' Assurance Co.	367 50	
Stadium Grandstand and Bleachers:		
North British & Mercantile Insurance Co.	825 00	
Hospital for Sick Children (University Equipment):		
London Guarantee & Accident Co.	105 00	
Forestry Camp:		
Home Insurance Co.	37 50	
Botanical Field Laboratory:		
Home Insurance Co.	25 00	
Accounts under $25 (3)	48 00	
Burglary and Hold-up:		
Dominion of Canada General Insurance Co.	207 85	
Automobiles:		
Dominion of Canada General Insurance Co., University-owned cars, $223.26; non-ownership coverage, $160	383 26	
Glass Breakage, Botanical Greenhouses:		
Casualty Company of Canada	50 00	
Hydro-Electric Power Commission:		
Permit and inspection fee	50 00	
Canadian Bank of Commerce:		
One year's charge for guarantee re safekeeping of securities	150 00	
	$19,891 51	
Less rebates on cancelled policies	34 40	
		$19,857 11

133. Law Costs

Hamilton Cassels, K.C., taxed costs as Solicitor to the University	$487 54	
Registrar of Deeds for Toronto, fee for land transfer tax re purchase of No. 53 St. George Street	36 00	
		$523 54

134. Auditor's Fees

Clarkson, Gordon, Dilworth and Nash, annual remuneration	$3,000 00

135. Travelling Expenses

President and Academic Staff ($1,901.70):	
President H. J. Cody	$95 50
R. W. Angus	46 00
E. G. R. Ardagh	40 00
S. Beatty	15 00
E. F. Burton	150 00
C. A. Corrigan	25 00
S. S. Crouch	34 00
H. J. Davis	40 00
F. C. Dyer	25 00
Miss B. Finlayson	15 00
R. J. Godfrey	34 00
E. Goggio	40 00
C. D. Howe	58 75
H. J. C. Ireton	25 00
Laurence Irving	40 00
H. S. Jackson	40 00

K. B. Jackson	25 00	
W. S. McCullough	272 50	
J. F. Macdonald	19 65	
C. Martin	40 00	
A. D. A. Mason	34 00	
T. J. Meek	69 95	
C. H. Mitchell	40 00	
E. S. Moore	57 40	
C. D. Rouillard	41 30	
E. S. Ryerson	154 10	
J. E. Shaw	40 00	
J. L. Synge	210 00	
W. M. Treadgold	25 00	
M. W. Wallace	56 45	
W. S. Wilson	40 00	
A. S. P. Woodhouse	22 80	
Miss H. G. Woolryche	30 30	
Out-of-Town Members of the Senate ($592.60):		
Judge J. S. Campbell	136 35	
Judge D. J. Cowan	17 70	
Dr. J. H. Coyne	11 40	
W. J. Deadman	8 90	
H. C. Griffith	10 00	
J. H. Hardy	15 00	
Dr. C. D. McGilvray	32 35	
James McQueen	9 80	
H. M. Morrow	10 20	
Dr. T. M. Mulligan	58 90	
Col. W. N. Ponton	15 00	
Dr. J. B. Reynolds	38 25	
H. S. Robertson	54 30	
W. J. Salter	80 95	
L. F. Stephens	45 50	
A. R. Walker	48 00	
		$2.494 30

136. RECEPTIONS TO SOCIETIES AND UNIVERSITY VISITORS

Expenses re sundry public lectures:		
Dr. R. F. Bacher	$20 00	
Prof. F. Baldenspeiger	50 00	
Prof. E. S. Bastin	100 00	
Prof. Niels Bohr	200 00	
Lt.-Col. E. L. M. Burns	16 80	
Prof. E. Cohen	50 00	
Dr. E. V. Condon	40 00	
Dr. A. J. Dempster	40 00	
Dr. J. Franck	42 00	
Prof. J. C. B. Grant	247 59	
Prof. and Mrs. Hanford	19 95	
Prof. H. Henel	21 50	
Dr. Gerhard Herzberg	50 00	
Dr. J. H. Van Vleck	50 00	
Institute of International Education	75 00	
Prof. Leon Lemonnier	20 00	
Prof. D. H. McLaughlin	50 00	
Prof. H. M. March	46 68	
Prof. J. W. Meade	98 77	
National Council of Education	75 00	
Percival Price	50 00	
Dr. J. R. Roebuck	48 00	
Prof. D. Thompson	150 00	
Prof. M. S. Vallarta	100 00	
V. Van Geyseghem	25 00	
Prof. V. Vijayaraghaven	60 00	
Catering on sundry occasions:		
Hart House: President's teas and luncheons, $885.25; sundry guests, $40.25	925 50	
University College Women's Union: President's dinner for Students' Administrative Council	45 00	
Wymilwood Women's Students' Union: reception to Social Science graduates	35 00	
Accounts under $10 (2)	8 00	
		$2.759 79

137. Convocation Expenses

Hoods, gowns, printing programmes, invitations, etc.:		
E. Awde, engrossing	$17 05	
Harcourt's Ltd., hoods and gowns	358 50	
Robt. Simpson Co., gloves	1 80	
University Press, printing and stationery	220 25	
Superintendent's Dept., labour, $2.40; material, 31c	2 71	
		$600 31

138. Aid to Publications and Societies

Alumni Federation, University of Toronto Monthly	$2.500 00	
Royal Astronomical Society	150 00	
Universities Bureau of the British Empire	302 76	
British School of Archaelogy, Jerusalem	99 13	
American School of Oriental Research, Jerusalem	100 00	
American School of Oriental Research, Bagdad	100 00	
Association of American Universities	50 00	
Conference of Canadian Universities	50 00	
Society Promotion of Engineering Education	15 17	
Students' Administrative Council (re student lodgings)	100 00	
		$3,467 06

139. Senate Elections

Scrutineers:		
J. R. Cockburn	$10 00	
I. R. Pounder	10 00	
Postage	72 00	
University of Toronto Monthly, advertising	66 00	
University Press, printing and stationery	140 03	
		$298 03

140. Bursaries

Awards to sundry students:			
Faculty of Arts		$7,080 00	
Faculty of Medicine		2,475 00	
Faculty of Dentistry		128 00	
Department of Social Science		200 00	
		$9.883 00	
Less portion charged to donations:			
Medical Society	$400 00		
Prof. E. J. Urwick	200 00		
		600 00	
			$9,283 00

141. Contingencies

Canadian Bank of Commerce, charge re registration of securities	$20 00	
Chartered Trust & Executor Co., commission on collection of postponed fees of students	21 10	
Geo. Coles Ltd., catering re Ontario Educational Association Convention	172 50	
Dunlop's Ltd., flowers for funerals	97 00	
London Guarantee & Accident Co., premium on fidelity bond	838 07	
Remembrance Day Committee, wreath for Tower Memorial Service	12 00	
Robt. Simpson Co., decorations on coronation of His Majesty King George VI	127 00	
Miss C. Wallace, compassionate allowance for illness alleged to have been caused by employment in Department of Pathology and Bacteriology	1,000 00	
Sundry payments:		
Engraving and freight charges, sundry medals	29 47	
Accounts under $10 (3)	13 35	
Workmen's Compensation:		
Workmen's Compensation Board, to cover allowances paid to employees	449 34	
Medical services for injured employees, etc.:		
Toronto General Hospital	141 00	
Dr. Roy H. Thomas	93 00	
Sundry doctors (5)	27 00	
		$3.040 83
		$96.298 16

XXII. 142. CAPITAL ACCOUNT CHARGES

Accountant, Supreme Court of Ontario, twenty-eighth annual payment on debenture issue of 1909	$25,260 00		
Less portion charged to Ontario College of Education	10.000 00		
		$15.260 00	
Accountant, Supreme Court of Ontario, twenty-second annual payment on debenture issue of 1915 re Hart House		5.975 00	
Accountant, Supreme Court of Ontario, thirteenth annual payment on debenture issue of 1924 re Forestry Building		10.000 00	
Toronto General Hospital, twenty-sixth annual payment on debenture issue of 1911 re grant to Toronto General Hospital		15.157 00	
Toronto General Hospital, twenty-sixth annual payment on debenture issue of 1911 re old Pathological Building		6.568 00	
University of Toronto (Rockefeller Endowment — Medicine) eighth annual payment on debenture issue of 1929 re Banting Institute		64.193 00	
Royal College of Dental Surgeons, interest on liability of $50.000		2.500 00	
			$119,653 00

XXIII. SPECIAL RESEARCH

143. Departmental Appropriations

(a) Arts:

Biology:

Research Assistants:	
A. Wilkes, 8 mos.	$600 00
L. Butler, 11 mos.	570 00
W. H. Johnson, 8 mos.	450 00
G. C. Carl, 8 mos.	350 00
J. M. Speirs, 8 mos. (paid also $50 in department)	300 00
P. Elson, 8 mos. (paid also $250 in department)	200 00
F. A. Urquhart (paid also in Royal Ontario Museum)	200 00
Miss Alice M. Ironsides	100 00
Assistant in Vivarium, D. G. LeRay, 12 mos., @ $520, of which $250 charged to department	270 00
Expenses ($762.65):	
American Instrument Co., regulators	84 38
Canadian General Electric Co., contactors	41 44
Central Bird Store, seed	12 10
Central Scientific Co., counters, glassware, etc.	31 30
Dr. Norma Ford, travelling expenses	10 10
Halliday Flint Glass Co., glassware	12 23
R. B. Jackson Memorial Laboratory, specimens	23 01
Journal of Parasitology, reprints	15 17
Kelley Feed & Seed Co., feed	16 00
Mrs. E. Kuitunen-Ekbaum, travelling expenses	35 00
Dr. J. W. MacArthur, experimental records	20 00
Maple Leaf Milling Co., flour and feed	35 09
R. Parks, aquarium cement	12 50
A. Passafiume, feed	14 00
Arthur H. Thomas Co., kymograph paper	12 10
Wholesale Radio Ltd., condenser, etc.	71 23
University Press, printing and stationery	38 08
Accounts under $10 (25)	114 73
Sundry disbursements by department:	
Food supplies, $12.98; hardware, etc., $28.78; sundries, $33.24	75 00
Superintendent's Dept., labour, $63.34; material, $25.85	89 19
	$3.802 65

Fisheries Research:

Research Assistants:	
F. E. J. Fry, 12 mos., $1,500 — $16.25	$1.483 75
R. R. Langford, 3 mos. (paid also $883.75 in department)	600 00
W. A. Kennedy, 3 mos.	165 00
Expenses ($1.728.88):	
W. J. K. Hardness, disbursements:	
Provisions, $319.05; travelling and hotel expenses, $310.89; car and boat service, $229.59; gas and oil, $222.90; hardware and lumber, $193.76; rent of cottage, $105.18; sundries, $63.39	1.444 76

Borden Co., milk powder		20 58	
T. Eaton Co., provisions		57 46	
National Motors Ltd., car repairs		38 51	
Postage		16 20	
University Press, printing and stationery		79 02	
Accounts under $10 (8)		45 13	
Superintendent's Dept., freight, $4.62; labour, $9.04; material, $13.56		27 22	
			$7,780 28
Botany:			
Research Associate, L. C. Coleman, 12 mos.		$1,000 00	
Honorary Research Associate, J. Dearness (without salary)		....	
Research Assistants:			
D. H. Hamly, 12 mos. (part time — paid also $519.50 in department and $346.40 in Applied Physics) $382 — $3.40		378 60	
A. J. V. Lehmann, 3 mos., $222 — $1.50	paid also in department	220 50	
L. O. Weaver, 3 mos.		180 00	
Miss R. P. Biggs, 3 mos.		177 00	
D. C. McPherson, 3 mos.		177 00	
Norman W. Radforth, 3 mos.		152 00	
W. K. W. Baldwin, 3 mos.		150 00	
C. N. Haldenby, 3 mos.		137 00	
Miss Sylvia Taylor, 3 mos.		132 00	
Mrs. Eleanor L. MacGillivray, 300 hrs. @ 50c		150 00	
R. G. H. Cormack, 2 mos.		120 00	
F. E. Tomalin, 2 mos.		120 00	
Miss A. B. Brodie, 2 mos.	paid also in department	117 00	
A. N. Langford, 2 mos.		117 00	
Miss D. F. Forward, 2 mos.		92 00	
D. F. Putnam, 1 month		72 00	
M. W. Bannan, 1 month		57 00	
S. A. Simmons, 1 month		57 00	
A. J. Skolko, 1 month		57 00	
W. R. Watson, 1 month		57 00	
Miss E. Parr, 1 month	paid also in department	42 00	
B. B. Hillary, 1 month		37 00	
S. T. B. Losee, 1 month		30 00	
Miss K. Shepherd, 101 hrs. @ 50c		50 50	
Expenses ($610.14):			
Art Metropole, steroscope disc		20 00	
Canadian Liquid Air Co., rental of cylinders and gas		33 17	
Central Scientific Co., chemicals and glassware		28 52	
R. G. H. Cormack, collecting expenses		65 93	
Julius P. Friez & Sons, charts		14 02	
J. F. Hartz Co., cover glasses		10 00	
L. E. Jones, photographic work		18 54	
P. Krotkov, collecting expenses		37 00	
Lancaster Press, reprints		37 63	
R. C. Russell, plant specimens		15 28	
Screen & Sound Service, objective		22 00	
Spencer Lens Co., microscope part		10 46	
Telfer Paper Box Co., seed boxes		130 00	
Prof. R. B. Thomson, collecting expenses		21 19	
Wilson Scientific Co., glassware		23 28	
Accounts under $10 (20)		93 35	
Superintendent's Dept., labour, $26.89; material, $2.88		29 77	
			$4,489 74
(b) Medicine:			
Bio-Chemistry:			
Research Assistants:			
B. F. Crocker, 2 mos. (paid also $1,780 in department) $200 — $2		$198 00	
V. Ignatieff, 1 month, $87.50 — 88c		86 62	
A. D. Odell, 1 month (paid also $800 in department)		75 00	
M. Freed, 1 month		50 00	
L. Rabinowitch, 1 month		50 00	
G. C. Butler, 1 month (paid also $900 in department)		25 00	
S. Cohen, 1 month		25 00	
			$509 62
Experimental Medical Research:			
Chief Technical Assistant, W. Cowan, 12 mos., $1,700 — $18.75		$1,681 25	
Head of Animal Quarters, J. Minshull, 12 mos.		600 00	

Assistants in Animal Quarters:		
G. Parkes. 12 mos.		720 00
Cyril Lee. 12 mos.		660 00
Expenses ($2,495.86):		
Allen Mfg. Co., laundry		116 67
Fred Broom, feed		12 44
Corbett-Cowley Ltd., laboratory coats		34 34
E. Cullen, animals		614 50
R. Cullen, animals		29 50
Ingram & Bell, chemicals, gauze, etc.		559 09
Jones Bros., electric clipper and plates		52 62
Kelley Feed & Seed Co., feed		107 83
Kelvinator of Canada Ltd., refrigerator repairs		14 35
Langley, Harris Co., dog biscuits		100 00
John McGillian, carrots		51 75
Mallinckrodt Chemical Works, ether		23 26
Maple Leaf Milling Co., feed		145 14
Ralston, Purina Co., feed		321 34
Swift Canadian Co., feed		17 50
Window Shades and Fittings, venetian blinds		26 70
Accounts under $10 (2)		9 85
Superintendent's Dept., labour, $76.87; material, $182.11		258 98
		$6.157 11
Less credit from sale of animals and feed		542 50
		$5.614 61
Charged to Dunlap Bequest	$5.176 25	
Charged to Reeve Bequest	438 36	
		5.614 61

(c) Applied Science:

Chemical Engineering:		
Research Assistants:		
W. H. Bowman, 3 mos., $450 — $4.50	Paid also in department	$445 50
G. V. Jansen, 3 mos., $450 — $4.50		445 50
W. H. Rapson, 3 mos., $450 — $4.50		445 50
G. P. Beal, 2 mos.		150 00
K. Patrick, 8 mos.		545 00
Applied Physics:		
Machinist, C. T. Harding, 8-18/44ths weeks (see also department) $252.27 — $2.52		249 75
Expenses ($244):		
Howard Furnace Co., blast cooler, caul unit		119 00
Superintendent's Dept., labour, $77.03; material, $47.97		125 00
Mechanical Engineering:		
Research Assistant, F. G. Ewens, 5 mos. (paid also $1,097.78 in department)		862 50
Expenses ($403.71):		
Central Scientific Co., rheostat		28 01
Minneapolis Honeywell Regulator Co., potentiometer		139 65
Powerlite Devices Ltd., seconding thermometer, etc.		126 47
University Press, book		2 50
Superintendent's Dept., freight, $6.31; labour, $50.34; material, $50.43		107 08
Mining Engineering:		
Research Assistants:		
T. J. Brant, 4-2/5 mos. (paid also $507.50 in Mechanical Engineering)		550 00
L. F. Gauvreau, 1 month (paid also $1,000 in department)		150 00
Expenses ($287.75):		
Aikenhead Hardware Ltd., hardware		24 23
Canadian Laboratory Supplies, aspirator, etc.		25 26
Corman Engineering Co., angles		60 21
United Steel Corporation, chain hore, etc.		15 22
Accounts under $10 (8)		42 43
Superintendent's Dept., labour, $91.23; material, $29.17		120 40
		$4,779 21
Charged to Wallberg Bequest		4.779 21

(d) Dentistry:		
Professor of Periodontology, H. K. Box, 12 mos. (paid also $6 for Post Graduate Course) $3,000 — $37.50	$2,962 50	
Laboratory Technician, A. F. Fenton (paid also $100 from Canadian Dental Research Fund) $1,300 — $13.75	1,286 25	
		$4,248 75

144. BANTING AND BEST RESEARCH

(a) Banting Research:	
Professor of Research in Medicine, Sir Frederick Banting, 12 mos.	$5,000 00
D. A. Irwin, Associate Professor, 12 mos., $3,600 — $49.50	3,550 50
Assistant Professors, each 12 mos.:	
W. R. Franks, $3,400 — $45.50	3,354 50
G. E. Hall, $3,000 — $37.50	2,962 50
C. C. Lucas (on leave of absence) $3,000 — $37.50	2,962 50
Miss S. Gairns, Research Associate, 12 mos., $2,160 — $24.90	2,135 10
Research Assistants:	
Miss J. M. Lang, 12 mos., $1,400 — $15	1,385 00
G. W. Manning, 12 mos., $1,200 — $12.50	1,187 50
Miss M. M. Shaw, 12 mos., $1,200 — $12.50	1,187 50
Miss H. E. Williams, 12 mos.	900 00
H. R. Davidson, 12 mos.	675 00
J. E. Goodwin, 10 mos., $1,500 — $16.25	1,483 75
B. C. Coles, 7 mos., $875 — $9.17	865 83
Miss E. M. Hearne, 10 mos.	1,000 00
D. P. Lloyd, 10 mos.	1,000 00
H. F. Richardson, 10 mos.	1,000 00
Miss Henrietta Ball, 10 mos.	750 00
H. L. Collins, 5 mos.	700 00
F. L. Lawson, 4 mos.	305 00
B. Seaton, 2 mos.	150 00
H. H. Bindon, 2 mos.	125 00
P. T. Greenberg, 2 mos.	100 00
K. C. Greer, 2 mos.	100 00
B. Leibel, 1 month	75 00
F. B. Thomson, 1 month	75 00
M. L. Allan, 1 month	60 00
Research Fellows:	
F. H. Lawford, 12 mos., $1,110 — $11.37	1,098 63
H. J. Creech, 11 mos.	990 00
A. Duncan, 11 mos.	825 00
D. D. Bonnycastle, 10 mos.	1,000 00
L. M. Gray, 10 mos.	1,000 00
W. M. Gray, 10 mos.	750 00
L. B. Macpherson, 10 mos.	750 00
J. K. Watson, 6 mos.	450 00
Lorne D. Proctor, 4 mos.	400 00
J. J. Rae, 3 mos.	300 00
Technicians:	
L. C. Brock, 12 mos., $1,320 — $14	1,306 00
H. Douglas, 12 mos., $1,200 — $12.50	1,187 50
T. Walker, 12 mos., $1,140 — $11.75	1,128 25
J. Conley, 12 mos., $1,080 — $11; overtime, $49	1,118 00
Miss G. Mulholland, 12 mos.	780 00
Miss N. Davy, 12 mos.	660 00
Chas. Lott, 5 mos., $375; overtime, $24.75	399 75
Douglas Snow, 12½ weeks @ $12.50	156 25
John Stewart, 6 weeks @ $12.50	75 00
Fred Warner, 1 month, 1 week	59 68
Stanley Stringer, 2 weeks, 4 days, @ $12	32 00
Secretarial Assistants:	
Miss M. J. Millar, 12 mos., $1,080 — $11	1,069 00
Miss E. D. Brunke, 5 mos., 11 days, @ $50	404 00
Assistants in Animal Quarters:	
A. W. Booth, 10 mos.	550 00
At $12.50 per week:	
Stanley Smith, 12 weeks	150 00
Frank Simpson, 10½ weeks	131 25
A. Stella, 9½ weeks	118 75
Cleaner, Mrs. Allison Moffitt, 12 mos. (part time)	600 00
	$50,578 74

Expenses ($18,384.38):

Aikenhead Hardware Ltd., hardware	$38 79
Allen Mfg. Co., laundry	284 78
American Journal of Cancer, subscription	10 41
Art Metropole, board, etc	11 18
Bausch & Lomb Optical Co., colorimeter repairs, etc	50 96
Borden Co., milk powder	18 86
British Aluminium Co., granules	12 50
Fred Broom, meat, etc	161 20
Canada Cycle & Motor Co., wheels	24 04
Canada Packers Ltd., food	10 80
Canadian General Electric Co., bulbs, lamps, etc	24 38
Canadian Industries Ltd., acids	83 71
Canadian Kodak Co., chemicals	100 44
Canadian Marconi Co., undulator	75 00
Canadian Medical Association, reprints	39 00
Carswell Co., binding	36 34
Walter A. Carveth & Co., microscope and case	236 00
Central Scientific Co., chemicals, glassware, etc	1,064 48
Chance Bros., glassware	34 29
Connaught Laboratories, animals, etc	72 20
Continental Carbon of Canada, resistance boxes	90 41
Corbett-Cowley Ltd., laboratory coats	134 21
E. Cullen, animals	2,602 86
R. Cullen, animals	60 90
Culling Ltd., tape	12 69
Diamond State Fibre Co., fibre tubing	10 66
Allen B. Du Mont Laboratories, cathode ray tube	31 72
Eastman Photographic Stores, trays, fixing box and rolls	253 03
T. Eaton Co., crocks, screen, tumblers, etc	29 55
Electric Motors Service Co., motors	162 35
Exide Batteries of Canada, battery	116 90
Gevaert Co., plates, chemicals, etc	32 24
Grand & Toy, files, chair, hat tree and cabinet	88 15
Geo. Green Welding Co., frames	23 52
Gutta Percha & Rubber Ltd., gasket stock, etc	244 52
Paul Haack, thermometers, etc	44 06
J. F. Hartz Co., cover glasses and chemicals	14 70
O. W. Hertzberg, chemicals	12 15
A. S. Hunt, glassblowing, etc	12 50
Ingram & Bell, chemicals, syringes, etc	467 14
Instruments Ltd., aneometer	36 50
International Resistance Co., resistors	27 71
Johnson-Matthey Co., crucibles, etc	145 79
Journal of Biological Chemistry, books	14 06
Richard Kittel, instrument needle carrier	209 26
Leeds & Northrup Co., galvanometer, telescope, etc	90 38
L. Light & Co., chemicals	54 92
Liquid Carbonic Corporation, gas	40 00
Lockhart's Camera Exchange, plates	44 99
W. R. McKee, heart sound amplifier, etc	310 85
Mallinckrodt Chemical Co., ether and chemicals	81 80
National Grocers Co., salmon	13 60
Naylor & Naylor, speed reducing machine	52 50
R. H. Nichols, pendulum with keys	314 25
Northern Electric Co., condensers	39 31
Office Specialty Mfg. Co., cards, guides and folders	23 17
Ontario College of Agriculture, eggs and chickens	205 20
Ontario Veterinary College, mice	10 00
Osborne Electric Co., attenuator	28 62
C. F. Palmer Ltd., paper	14 92
Pathology Dept., animals	12 60
Postage	40 12
Ralston Purina Co., feed	316 85
Riddell Lumber Co., metal building for Silicosis experiments	867 00
Risbrough & Jackson, seeds	185 61
M. Risebrough, animals	42 00
Robbins & Townsend, typewriter inspection	22 20
Rogers Radio Tubes Ltd., cathode	25 00
Arthur H. Thomas Co., paper recorders	55 36
Toronto General Hospital, small mill	12 00
Walden & Jennings, sawdust	10 00

Waverley Press, reprints		10 47
West Disinfecting Co., disinfectant		47 14
S. S. White, cylinders		25 48
Wholesale Radio Co., radio parts		320 08
University Press, printing and stationery		148 45
Accounts under $10 (32)		166 30
Travelling expenses:		
Sir Frederick Banting		426 45
G. E. Hall		96 49
W. R. Franks		72 35
D. A. Irwin		35 10
D. P. C. Lloyd		24 85
Sundry disbursements by department:		
Hardware, $43.78; drugs and stationery, $38.41; postage, telegrams, etc., $29.93; food supplies, $11.98; sundries, $25.90		150 00
Superintendent's Dept., freight, $101.22; labour, $2,736.17; material, $3,202.72		6,040 11
Contribution to Pension Funds		640 92
Alterations to Banting Institute:		
Superintendent's Dept., labour, $2,043.32; material, $1,800.04		3,843 36
		$72,806 48
Credited from Banting Research Foundation	$15,000 00	
McIntyre Porcupine Mines	4,961 18	
Ontario Mining Association	10,000 00	
Silicosis Committee	50 00	
Charged to Insulin Committee Grants	35,295 30	
		65,306 48
		$7,500 00
(b) Best Research:		
Research Associate, C. H. Best, 12 mos. (see also Department of Physiology)		$2,500 00
Physiology:		
Research Associate, J. Markowitz (part time — Sessional)		450 00
Research Assistants:		
H. E. Woodward, 12 mos., $1,900 — $21.25		1,878 75
Mrs. Jean P. Fletcher, 12 mos.		900 00
O. M. Solandt, 3 mos.		330 00
E. A. Dobson, 30 hrs. (paid also $225 in department)		15 00
Lecturer, J. M. Hershey, 4 mos. (part time)		444 44
Fellows (part time — Sessional):		
D. A. Davidson, 9 mos. (paid also $250 in Anatomy)		300 00
B. H. B. Hallam, 3 mos.		240 00
Technical Assistants:		
F. L. Robinson, Head of Technical Staff, 12 mos. (share of salary charged to Research — see also Dept.) $500 — $5		495 00
Miss G. I. Harpell, 12 mos.		1,000 00
L. V. Hodgins, 12 mos.		900 00
G. Scattergood, 12 mos. (paid also $50 in School of Nursing)		850 00
Miss M. L. Palmer, 12 mos.		800 00
Mrs. J. M. D. Williamson, 12 mos.		720 00
Chas. Scattergood, 4½ mos.		270 00
T. Beaton, 1 month		65 00
John Young, 1 week		15 00
Assistant Animal Caretaker, W. Dobbie, 7 mos. to 31 Jan.		583 33
Clerical Assistant, Miss Dorothy Waugh, 1 month (paid also $225 in Medical Faculty)		100 00
Physiological Hygiene:		
Research Associates, each 12 mos.:		
Mrs. Ruth C. Partridge (share of salary charged to Research — see also School of Hygiene) $1,100 — $11.25		1,088 75
Miss J. H. Ridout (paid also in Connaught Laboratories) $1,100 — $11.25		1,088 75
Research Assistants:		
Miss E. F. Dudley Martin, 12 mos., $1,200 — $12.50		1,187 50
J. Campbell		400 00
Technical Assistants, each 12 mos.:		
C. R. Cowan, Senior (share of salary charged to Research — see also School of Hygiene) $400 — $4		396 00

Miss L. C. Barber	800 00
Miss M. Luxton	800 00
J. G. Truax	800 00
Miss M. E. Hocking	750 00
Miss A. Jaffray	700 00
C. L. Skelding (share of salary charged to Research—see also School of Hygiene)	250 00
J. Scattergood, 86½ hrs. (paid also $500 in School of Hygiene)	42 81
	$21.160 33

Expenses ($9,329.48):

Aikenhead Hardware Ltd., hardware	$122 75
American Heart Association, film	20 67
American Institute of Physics, journal	12 10
Art Metropole, microscope parts	141 12
Ayearst, McKenna & Harrison, drugs	731 55
British Drug Houses, chemicals	97 12
F. J. Burns & Co., frogs	115 69
Cambridge Instrument Co., instrument repairs	65 78
Canadian Industries Ltd., chemicals	308 84
Canadian Laboratory Supplies, glassware and chemicals	210 46
Canadian Office & School Furniture, Ltd., desk and chair	131 30
Central Scientific Co., glassware, chemicals, etc	572 58
R. H. Chappell, glassblowing	186 50
Warren E. Collins Inc., chemicals	80 54
Connaught Laboratories, reprints, alcohol, flasks, etc	155 93
Joseph Cooper Ltd., meat	395 92
Corbett-Cowley Ltd., uniforms	25 79
A. C. Cossor Ltd., cardiograph sockets and valves	621 02
E. Cullen, animals	380 00
A. C. Downing, galvanometers	368 68
Eastman Photographic Service, film	20 09
Eastman Photographic Stores, kodachrome	25 48
J. A. Fontaine, frogs	77 00
Miss M. Godard, 4 weeks' clerical assistance (see also Bio-Chemistry)	70 00
J. F. Hartz Co., instruments	264 10
Geo. H. Hees, Son & Co., venetian blinds	76 43
Ingram & Bell, surgical unit	365 85
J. Irwin, overtime services re Physiological Society	10 50
Langley, Harris & Co., dog biscuits	25 25
Mallinckrodt Chemical Works, ether	36 20
Muirhead & Co., resistance units	127 19
R. H. Nichols, galvanometer	71 00
Office Specialty Mfg. Co., cabinet and guides	54 01
Ontario Typewriter Co., overhauling dictaphone	26 60
J. L. Parkinson, electrode cells, lamps, etc	279 74
Pfanstiehl Chemical Co., chemicals	213 52
Photographic Service, prints, slides, etc	27 78
Prest-O-Lite Storage Battery Co., batteries	35 37
W. G. Pye & Co., potentiometer, etc	159 18
Screen & Sound Service, slide cabinet	37 50
Robt. Simpson Co., chairs	47 25
H. W. Sullivan Ltd., air condenser	78 29
Underwood-Elliott-Fisher Ltd., typewriter	85 00
Wholesale Radio Service, radio parts	49 76
University Press, printing and stationery	169 43
Accounts under $10 (13)	64 34

Travelling expenses:

D. Bronk	$38 90
A. Fisher	51 45
J. Fulton	48 95
M. H. Jacobs	39 88
D. Y. Solandt	200 00
N. B. Taylor	175 00
E. T. Waters	75 00
H. E. Woodward	250 00
	$879 18

Less amount returned by Dr. C. H. Best from advance of 1935-36	48 70		
		830 48	
Sundry disbursements by department:			
Postage, $31.70; telegrams and telephone, $22.88; supplies and sundries, $47.80		102 38	
Superintendent's Dept., freight. $75.52; labour, $424.93; material, $352.47		852 92	
Contribution to Pension Funds		302 50	
		$30.489 81	
Less sundry credits	$25 60		
Charged to Insulin Committee Grants	27,964 21		
		27.989 81	
		$2.500 00	
			$10,000 00
			$27,028 39

APPENDIX III.

UNIVERSITY PRESS

Ledger Balances (net) as at 30 June, 1936		$75,370 32	
Transferred to General University Revenue, appropriation by Board of Governors for 1936-37		30,000 00	
			$45,370 32
Transactions for the year ending 30 June, 1937.			
Receipts, including $38.82 outstanding and receivable on 30 June, 1937	$215,122 24		
Interest allowed on net balances	2,144 31		
		$217,266 55	
Expenditures		209,785 29	
			$7,481 26
Net Balance at credit 30 June, 1937			$52.851 58

NOTE

Supplementary to the above the Acting Manager of the Press had on hand on 30 June, 1937, as shown by his records, Inventory $27,486.63 (including $3,921.37 work in progress), and Accounts Receivable (net) $12,189.37.

Details of Expenditures

Salaries and wages:		
R. J. Hamilton, Manager, @ $5,000 (ob. 14 Nov. — salary to 31 Dec. paid to Estate) $2,500 — $38.75	$2,461 25	
A. Gordon Burns, Assistant Manager, 12 mos., $3,000 — $37.50	2,962 50	
Miss E. M. Walker, Secretary, 12 mos., $1,900 — $21.25	1.878 75	
Miss E. Baguley, Cashier, 12 mos., $1,300 — $13.75	1.286 25	
Miss I. Westwood, Assistant Cashier, 12 mos	950 00	
Clerks, each 12 mos.:		
Miss M. Beattie, $1,300 — $13.75	1.286 25	
Miss I. E. McTaggart, $1,300 — $13.75	1,286 25	
Miss W. Hills, $1,092 — $11.15	1,080 85	
Mrs. Florence Friendship, $1,092 — $11.15	1.080 85	
Miss I. Potter	830 00	
G. Edwards, Caretaker, 12 mos., $1,508 — $16.35	1.491 65	
A. Bigwood, Messenger, 12 mos	624 00	
Pay lists, wages of employees	62,970 54	
		$80,189 14
Editorial Services:		
Miss Alison Ewart, General Editor, 12 mos. (paid also $45 from University Quarterly) $1,700 — $18.75	$1.681 25	
Miss Mary Thompson, Assistant to General Editor, 12 mos	950 00	
G. W. Brown	500 00	
A. S. P. Woodhouse	500 00	
V. W. Bladen	400 00	
W. P. M. Kennedy	250 00	

A. Brady	200 00	
E. K. Brown	200 00	
		4,681 25
Payments to contributors to publications		1,913 75
Payments of royalties and returns from sales		2,039 57
St. George's School Printing Reserve		429 22
Supplies and general maintenance:		
Alexander & Cable, lithographing diplomas	$132 50	
H. E. Allen Bros., gilding	96 62	
Art Metropole, pens, paper boards, etc	39 09	
D. A. Balfour Co., carbon paper	48 25	
Barber-Ellis Ltd., envelopes, paper, etc	3,199 58	
Better Packages of Canada, package sealer, etc	60 89	
Blackhall & Co., binding	150 96	
Bostitch Ltd., stapler and staples	49 25	
W. Bourne Leather Goods Co., covers and corners	112 87	
Brigden's Ltd., diagrams and portraits	133 98	
J. R. Brooks, paper	30 00	
Brown Bros., paper, ink, baskets, etc	2,821 88	
Buntin-Reid Co., paper	222 39	
Burroughs Adding Machine Co., rental of machines	86 42	
Burt Business Forms Ltd., note books, etc	56 30	
Chas. Bush Ltd., ink	565 77	
Bernard Cairns, rubber stamps	30 10	
Canada Carbon & Ribbon Co., coupons	244 85	
Canada Metal Co., metal	460 81	
Canada Paper Wholesale Ltd., paper	436 12	
Canadian Linotype Ltd., repairs	28 69	
Canadian Pacific Railway Co., telegrams	43 77	
Eugene E. Carroll, sharpening knives	29 25	
Carroll's Canadian Metals, metals and screws	86 64	
Walter A. Carveth & Co., needles, scissors and forceps	108 25	
Delang & Pettit, glue	123 05	
Walter Dickinson & Co., leads, erasers and pencils	219 72	
Dixon Pencil Co., pencils and refills	39 23	
Dominion Blank Book Co., covers, etc	1,110 95	
Dominion Envelope & Cartons Ltd., envelopes	117 02	
Dominion Paper Box Co., filing boxes	182 73	
V. W. Dyas, commissions	47 25	
Eclipse Fountain Pen & Pencil Co., pens	57 11	
E. B. Eddy Co., paper	5,197 40	
Elliott Addressing Machine Co., stencils	35 44	
Aberhart Faber Pencil Co., pencils and refills	40 48	
J. E. Emerson, electrical supplies	51 06	
Geo. Everall Co., envelopes	101 30	
W. J. Gage & Co., envelopes, compasses, brushes, etc	876 22	
D. Gestetner Ltd., ink and stencils	96 07	
Globe Envelopes Ltd., envelopes	45 08	
Gordon, Mackay & Co., flannell	45 59	
Grand & Toy, desk, chair, envelopes, etc	157 53	
E. B. Griffith, Christmas cards and envelopes	401 18	
Fred W. Halls, paper	33 34	
John Hamilton, commissions	177 46	
G. A. Hardie & Co., wipers	37 50	
W. E. Hardman & Co., ruling	64 25	
Henderson Bros., ruling and paper	520 35	
Howard Bros., gilding and stamping	396 72	
Imperial Oil Ltd., gas and oil	46 97	
C. H. Johnson & Son, cartage	537 75	
Keuffel & Esser, slides and rules	189 74	
The Levi's, wipers	110 50	
Luckett Loose Leaf Ltd., covers and refills	988 26	
Lumley & Hewitt, ruling and perforating	128 00	
A. R. MacDougall & Co., rubber bands	32 60	
Meredith, Simmons & Co., paste	41 45	
Mono-Lino Typesetting Co., typesetting	178 91	
Monotype Co., paper and type metal	639 38	
J. L. Morrison Co., cutter parts, etc	50 73	
Moyer School Supplies, maps	31 12	
Nichols Advertisers Ltd., pads	53 07	
Office Specialty Mfg. Co., steel section and label holders	27 50	
Paper Sales Ltd., paper	100 05	

Parker Fountain Pen Co., pens, pencils and repairs	491 80
R. A. Phillips Ltd.. crests, cushion covers and pennants	165 95
Photo Engravers & Electrotypers Ltd., electros, embossing, etc.	783 52
Premier Engravers & Electrotypers Ltd., electros and half tones	1,054 93
Provincial Paper Ltd., paper	8,752 59
Queen City Paper & Twine Co., paper and twine	223 50
Raine Engraving Co.. dye	37 74
Ratcliffe Paper Co., paper	69 20
Reed Canadian Engravers Ltd., half tones and cuts	2.213 74
Reliance Engravers, half tones	380 19
Remington-Rand Ltd., typewriter and ribbons	71 40
Robbins & Townsend, typewriter rental and inspection	243 00
W. A. Sheaffer Pen Co., ink and repairs	67 90
Howard Smith Paper Mills, paper	2.611 79
Standard Embossing Co., labels and letterheads	398 68
Stephens Sales Ltd., ink, paper and stencils	344 19
B. & F. H. Thomson Co., gold leaf	94 50
Toronto Envelope Co., envelopes	653 08
Toronto Graphic Arts Council, dues	540 00
Toronto Type Foundry, brushes, wire, etc.	64 20
Townsley Printers' Supply & Machinery Co., repairs, etc.	159 63
Underwood-Elliott-Fisher Ltd.. coupons, etc.	97 73
United Paper Mills Ltd.. paper	3,931 44
Universal Thread Co.. silk	36 49
Venus Pencil Co.. pencils. etc.	180 39
Victoria Paper & Twine Co., cups, twine, etc.	331 91
Visible Records Ltd.. cards	37 67
Wahl Co., refills and repairs	49 21
L. E. Waterman Co.. ink. pens and pencils	262 54
Whyte Hook Paper Co., buckram and cloth	165 28
Wilson-Munroe Co., paper, board and thread	853 23
Books, etc.:	
Thos. Allen & Co.	100 67
Alleyn & Bacon	101 67
American Book Co.	148 19
American Institute of Steel Construction	189 20
American Library Association	277 44
American Medical Association	129 19
American Public Health Association	43 87
Angus & Robertson	41 33
Annual Review of Bio-Chemistry	32 00
D. Appleton Century Co.	490 20
Baker & Taylor	51 16
Barnes & Noble	213 35
Blackie & Sons	258 34
P. Blakiston, Sons & Co.	745 56
R. R. Bowker Co.	108 56
F. A. Brockhaus	159 76
Bureau of Publications. Teachers' College	58 98
Burroughs & Co.	49 13
Butterworth & Co.	65 25
Canadian Dental Research Foundation	55 80
Canadian Geographic Society	102 50
Canadian Pharmaceutical Association	77 25
Carswell Co.	318 85
Cassell & Co.	300 81
W. & R. Chambers	108 21
Chemical Rubber Co.	325 00
J. & A. Churchill	184 70
Clarke, Irwin Co.	972 63
Wm. Collins & Co.	42 22
Columbia University Press	125 19
Copp. Clark Co.	1.992 42
Wm. Dawson Subscription Service	58 44
J. M. Dent & Sons	975 64
Dental Items of Interest	285 99
Dodd, Meade & Co.	606 91
Doubleday, Doran & Gundy	30 34
Forest Press	256 73
W. J. Gage & Co.	856 08
Gaulon & Fils	459 43
Ginn & Co.	1.019 45

Gregg & Co.	128 85
Harcourt, Brace & Co.	826 27
Harper Bros.	636 04
Harvard University Press	272 03
W. Heffer & Sons	114 10
H. M. Stationery Office	57 39
Henry Holt & Co.	1.156 04
Johns Hopkins Press	41 12
Houghton, Mifflin Co.	902 12
International Correspondence Schools	160 00
Miss Alice Kemp	50 00
Otto Lange	33 09
Lea & Febiger	1,508 80
J. B. Lippincott Co.	75 38
Longmans, Green & Co.	1,737 59
McAinsh & Co.	3,103 42
McClelland & Stewart	239 14
McGraw-Hill Book Co.	2,758 26
Geo. J. McLeod Ltd.	68 02
Macmillan Co.	6,010 80
Midwest Book Co.	63 51
Musson Book Co.	577 34
National Research Council	70 00
Thos. Nelson & Co.	626 19
W. W. Norton & Co.	36 07
Oxford University Press	1,192 10
George Philip & Son	318 14
Sir Isaac Pitman & Sons	740 40
Prentice, Hall, Inc.	268 64
Princeton University Press	32 01
Psychological Review	82 33
Receiver-General of Canada	124 11
Reinhold Publishing Co.	78 21
Ritter Dental Mfg. Co.	96 84
Ronald Press Co.	33 97
Russell Sage Foundation Co.	26 47
Ryerson Press	507 84
S. J. Reginald Saunders	136 39
Carl Schoch	611 95
Chas. Scribner's Sons	257 86
Simpkin, Marshall Ltd.	2.447 82
Somerset Publishing Co.	27 51
Southwestern Publishing Co.	277 63
Stamford University Press	40 26
G. E. Stechert & Co.	131 21
Chas. E. Thomas	37 79
University of Chicago, Dept. of Education	25 20
University of Chicago Press	333 51
University of North Carolina Press	25 48
University Prints	53 57
D. Van Nostrand Co.	651 23
George Wahr & Co.	56 37
John Wiley & Sons	2.956 24
Williams & Wilkins	3.298 51
H. W. Wilson & Co.	99 00
World Book Co.	53 50
Yale University Press	122 07
Accounts under $25 (366)	2.287 74
Sundry purchases, second hand books	311 89
W. T. Jackman, honorarium re publication of book	250 00
A. Gordon Burns, expenses in connection with visit to Book Departments of other Universities	146 63
Microscopes	4.272 75
Advertising, $719.49; postage and excise stamps, $2,475.04; bank exchange, $105.64; cleaning, $133.65; freight, etc., $700.72; meals for night work, $125; sundries, 231.40	4.490 94
Heat, $1,000.50; electric current, $729.40; gas, $285.45; telephone $359.12; water, $75	2.449.47
Superintendent's Dept., freight, $1.166.17; labour, $289.08; material, $329.11; customs entries, $53.75	1.838 11
Contributions to Employees' Pensions Account	772 19

Sales Tax, Collector of Customs and Excise	6,229 12	
Alterations, partitions, etc.,		
Superintendent's Dept., labour, $372.01; material, $323.63	695 64	
		$120,532 36
		$209,785 29

APPENDIX IV.

SUPERINTENDENT'S STORES AND SUNDRY LABOUR ACCOUNT

Ledger Balance, 30 June, 1936		$10,572 39
Purchases made during 1936-37:		
Acme Paint & Varnish Co., paint	$25 17	
Acme Waste Mfg. Co., waste	143 61	
Aikenhead Hardware Ltd., hardware	1,964 35	
Aluminum Co., paste, etc.	154 67	
Armstrong Cork & Insulation Co., cork insulating	198 20	
Armstrong Door Co., sashes	28 40	
Associated Chemical Co., chemicals, etc.	145 53	
Atlas Engineering & Machine Co., circulator, pump, etc.	196 60	
Baines & David, steel rods and angles	349 49	
Beardmore & Co., belting	75 13	
Beldam's Asbestos Packing & General Mfg. Co., packing	284 06	
Bennett & Wright, plumber's supplies	693 25	
Berry Bros., paint, varnish, etc.	473 27	
Black & Decker Mfg. Co., repairing hammer, etc.	66 58	
Boeckh & Co., brushes	29 83	
Bond Engineering Works, standards	49 05	
Brown Bros., ledger sheets, etc.	38 34	
J. B. Buckham, supplying and installing acoustic materials	155 00	
Builders' Supplies Ltd., stone, gravel, etc.	338 82	
Robert Bury & Co., lumber	2,012 67	
Buyers' Door & Mfg. Co., doors, frames, shutters, etc.	280 20	
Cactizona Products Co., oil	106 17	
Canada Building Material Ltd., plaster	70 41	
Canada Hardware Ltd., locks, bolts, etc.	107 11	
Canada Metal Co., weights, solder, etc.	494 81	
Canada Wire & Cable Co., wire	186 79	
Canadian Asbestos Ltd., asbestos, lumber, etc.	242 89	
Canadian Blower & Forge Co., blowers	172 86	
Canadian Brass Co., plumber's supplies	98 04	
Canadian Durex Abrasives Ltd., waterproof paper, etc.	50 46	
Canadian General Electric Co., electrician's supplies	739 49	
Canadian Germicide Co., towels, soap, etc.	1,147 53	
Canadian Ice Machine Co., coils, valves, etc.	219 40	
Canadian Industries Ltd., paint, enamel, etc.	362 39	
Canadian Ingersoll-Rand Co., centrifugal unloader, etc.	224 50	
Canadian Johns-Manville Co., cement, asbestos, etc.	739 77	
Canadian National Carbon Co., batteries, etc.	218 51	
Canadian National Institute for the Blind, brushes, brooms, etc.	278 59	
Canadian Powers Regulator Co., thermostats	89 85	
Canadian S. K. F. Co., bearings	57 16	
Canadian Sirocco Co., motors, etc.	240 46	
Canadian Westinghouse Co., refrigerators, parts, etc.	1,131 84	
Century Chemical Products Co., polish	41 55	
Chadwick Electric Co., electrician's supplies	215 97	
L. Chettle, bricks	45 00	
City Treasurer, gulley tops	29 00	
Coleman Lamp & Stove Co., stove, plate, etc.	42 88	
Colling Tire Shop, tires, tubes, etc.	257 50	
Commercial Lithograph Co., forms	120 74	
Compressed Air Equipment Co., rental of compressors	40 60	
Concrete Pipe Co., pipes	66 54	
Conslidated Plate Glass Co.	595 34	
Continental Can Co., cans	45 73	
Corbett-Cowley Ltd., uniforms, coats and shirts	567 22	
Corning Glass Works, glass globes	53 93	
Crane Ltd., plumber's supplies	2,090 52	
Crown Diamond Paint Co., paint	163 85	
W. H. Cunningham & Hill Ltd., boiler repairs and parts	106 87	
Currie Products Ltd., roofing felt, etc.	116 02	

Darling Bros. valves, etc.	77 67
Darnell Corporation, sockets	46 75
Wm. S. Dean, castings	26 56
Diamond Cleanser & Soaps Ltd., soap flakes	617 43
Henry Disston Sons Ltd., saws, blades, etc.	54 07
Dominion Carbon Brush Co., brushes	75 23
Dominion Linseed Oil Co.	434 49
Dominion Oxygen Co.	363 65
Dominion Radiator & Boiler Co., fire doors, etc.	102 69
Dominion Rubber Co., hose	28 87
Downing & Co., fuses, etc.	513 28
Drew-Brown Ltd., turpentine	292 00
Drygoods Specialty Co., cotton, etc.	91 15
C. A. Dunham Co., plumber's supplies	412 65
Dunlop Tire & Rubber Goods Co., cushions, etc.	34 89
Dustbane Products Ltd., mops and cleaning compound	64 17
Eagle Lock Co., locks, etc.	26 92
T. Eaton Co., towels, linoleum, etc.	291 44
Electrolux Ltd., cleaning unit, etc.	79 58
Empire Brass Mfg. Co., plumber's supplies	628 28
Engineering Equipment Co., enamel	90 00
Evans & Co., chamois and sponges	127 50
Exide Batteries of Canada, batteries	124 47
Fairbank Lumber & Coal Co., lumber	58 80
Fenestra Canadian Metal Window and Steel Products, window and sash	66 00
E. B. Fielding & Co., turpentine	778 32
Thos. Firth and John Brown Ltd., steel	555 26
Fitzgerald-McAvoy Wire Goods, screens, baskets, etc.	119 58
Garlock Packing Co., packing	63 76
General Dry Batteries Ltd., batteries	277 86
General Steel Wares Ltd., cans, kettles, etc.	376 02
Good Specialties Ltd., plumber's supplies	206 86
Gooderham-Worts Ltd., alcohol	2.420 96
Gordon, Mackay & Co., towels, etc.	239 86
Gordon Sponge & Chamois Co., chamois	55 00
B. Greening Wire Co., screens, zinc, etc.	250 24
Grinnell Co., plumber's supplies	1.252 47
Guelph Soaps	243 00
Gunite Waterproofing Ltd., ferrolite	45 00
Gurney Foundry Co., boiler	26 85
Gutta Percha & Rubber Ltd., rubber boots, matting, etc.	259 74
Joe Hampton, brick, sand, etc.	78 75
G. A. Hardie & Co., pillow slips, etc.	31 05
W. Harris & Co., glue	50 66
Geo. H. Hees, Son & Co., cord	40 41
Hodgson-Taylor Ltd., hauling	35 00
Hydro-Electric Power Commission of Ontario, current	2,610 41
Imperial Iron Corporation, furnace parts	87 51
Imperial Oil Ltd., varsol, oil, etc.	324 32
Imperial Varnish & Color Co., paints and enamels	210 08
Interlake Tissue Mills, towels	865 00
International Water Supply Co., drilling	204 00
Italian Mosaic & Tile Co., tiling	351 28
Geo. Keith & Sons, grass seed	329 80
Kilgour's Ltd., towels, plates, etc.	2,637 21
La France Fire Engine & Foamite Ltd., extinguishers	301 21
R. Laidlaw Lumber Co., lumber	122 81
Arthur S. Leitch Co., trap	42 00
Leland Electric Ltd., electrician's supplies	25 65
Linde Canadian Refrigeration Co., repairs	25 21
Lowe Bros. Co., paint	91 37
Lundy Fence Co., gauge and chain links	26 90
McBain Foundry, castings, etc.	95 24
MacBeth & Evans Glass Co., globes	385 86
McColl-Frontenac Oil Co., gasoline, etc.	2.438 42
S. McCord & Co., cement, etc.	62 65
MacDonald Mfg. Co., pails	26 17
McGregor-McIntyre Iron Works, tanks, etc.	142 36
McIntyre & Taylor, coils, gratings, etc.	30 65
Alex. McKay Co., cement	300 11
Frank G. MacKay Co., chalk	27 64

Marietta Co., enamel, resin, etc.	34 97
Masco Co., electrician's supplies	3,093 73
A. Middleton & Co., paint and varnish	512 81
Minneapolis-Honeywell Regulator Co., motors, valves, etc.	211 47
Monarch Belting Co., belting	37 11
Wallie Moore Paint Co., paint and enamel	611 52
J. H. Morin & Co., paste, etc.	37 56
Herbert Morris Crane & Hoist Co., hoist	85 58
Jas. Morrison Brass Mfg. Co., plumber's supplies	1,195 47
Moyer School Supplies, chalk	46 84
A. Muirhead Co., paint and varnish	283 55
Alexander Murray Co., pitch	140 80
National Drug & Chemical Co., chemicals	155 11
National Equipment Co., tank and humidifier	98 90
National Fire Proofing Co., tile	39 34
National Grocers Co., matches, sugar, etc.	167 43
National Sewer Pipe Co., pipe, etc.	44 38
John Nelson & Son, plastering	91 75
New Sanitary Wipers & Waste Co., cheesecloth	208 60
Nichols Chemical Co., soda ash, etc.	63 26
North American Cyanamid Ltd., plant food	182 00
Northern Electric Co., electrician's supplies	430 80
O'Cedar of Canada, polish	77 72
Office Specialty Mfg. Co., cabinets, etc.	212 14
Ohmite Mfg. Co., rheostat	29 32
Oliver Lumber Co., lumber	276 77
Ontario Plumbing & Heating Supplies, plumber's supplies	41 39
Ontario Rubber Co., sponges, etc.	36 69
Pacific Mills Ltd., paper	1,044 50
Pannill Door Co., doors, handrail, etc.	65 42
Pease Foundry Co., fire pots	32 80
Peckover's Ltd., steel	530 54
Perrin, Turner Ltd., repairs to ice machine	65 75
S. M. Peterkin, plumber's supplies	153 57
Pilkington Bros., glass	820 49
Provincial Treasurer of Ontario, truck license, $48; mixing wax license, $1	49 00
N. Quesnel, repairing grates	31 82
Ramsay Contracting Co., pump house, paving, etc.	425 00
Geo. Rathbone Lumber Co., lumber	2,858 78
Regent Electric Supply Co., electrician's supplies	33 96
Wm. Rennie Seeds Ltd., peat and moss	176 40
Renown Plumbing Supplies Ltd., plumbing supplies	130 08
Robbins & Myers Co., pulley, etc.	46 96
Jas. Robertson & Co., plumber's supplies	64 87
Alfred Rogers, insulation	38 20
Rolls & Darlington, chemicals	41 88
Roofers' Supply Co., roofing material	2,009 34
Routery Bros., plastering	296 70
Salem's Garage, repairs to truck	37 07
Samuel, Son & Co., lumber, etc.	846 79
Sangamo Co., repairs to motors	147 85
Sarco Ltd., steam traps	53 52
Satin Finish Hardwood Flooring Ltd., lumber	175 10
Scarfe & Co., paint, etc.	493 72
Scythes & Co., rope, etc.	40 35
Shannon Bros., lumber	412 90
Shaw & Wright, hardware	636 38
W. Sherwood & Son, repairs to motors	690 80
Shipway Iron Wire Co., screens	389 99
T. S. Simms & Co., brushes	106 09
Robt. Simpson Co., chairs, rug, towels, etc.	755 16
Charles Albert Smith Ltd., soap	356 80
John B. Smith & Sons, lumber	2,386 25
Smith & Chapple, plaster	26 23
Square D Co., electrician's supplies	293 55
Standard Chemical Co., chemicals	37 80
Wm. G. Stephenson, grading and surfacing	812 00
Stewart & Wood, glue, paint, etc.	645 13
Sun Oil Co., oil	49 09
Superior Electric Supply Co., electricians supplies	1,642 16
Supertest Petroleum Corporation, gasoline	1,151 00

Supreme Boiler & Engineering Co., boiler tubes	64 80	
Textile Products Ltd., cheesecloth, towels, etc.	921 74	
T. G. Engineering Sales Co., bars, bolts, etc.	35 92	
Thayer's Ltd., gasoline and oil	4.097 55	
Toronto Asphalt Roofing Mfg. Co.	222 33	
Toronto Brick Co., brick	68 40	
Trane Co., heaters	156 51	
Trelco Ltd., paint, etc.	26 80	
Tremco Mfg. Co., caulking compound	34 46	
United Steel Corporation, steel	35 74	
Victoria Paper & Twine Co., towels	508 40	
C. C. Wakefield & Co., oils and castrol	555 58	
Waterous Ltd., boiler	310 00	
West Disinfecting Co., disinfectant	274 10	
White's Hardware Ltd., hardware	1.829 05	
A. C. Wild & Co., pipe covering	82 74	
Wilkinson-Kompass Ltd., hardware	392 49	
A. R. Williams Machinery Co., belting	32 80	
J. A. Wilson & Co., lamp shades, etc.	38 27	
Wilson & Cousens Ltd., hose, couplings, etc.	59 56	
Window Shades & Fittings, shades	85 40	
Wonderful Soap Co.	121 50	
G. H. Wood & Co., soap, drinking cups, etc.	347 83	
Woods Mfg. Co., tents, bags, etc.	40 05	
A. L. Wynston Jr., Ltd., electrician's supplies	2,717 45	
University Press, printing and stationery	124 80	
Accounts under $25 (173)	1,524 44	
Superintendent's Dept., freight, $237.75; labour, $4.453.76; material, $800.13	5.491 64	
	$92,928 80	
Less gasoline tax refunded	66 88	
		$92,861 92
		$103,434 31
Sundry labour as per pay lists:		
Trade mechanics and general workmen	$142.898 58	
Firemen, nightwatchmen, etc.	51.745 93	
Cleaners and miscellaneous	76,643 17	
		$271,287 68
		$374,721 99

Apportionment of the foregoing:

	Labour	Material
Administration ($10.675.12):		
Bursar's Office	12 04	27
Registrar's Office	11 27	1 27
Superintendent's Office	1,841 85	103 00
Convocation Hall and Simcoe Hall	7,725 30	880 12
President's House	70 13	29 87
Library ($4.799.70):		
Maintenance	161 24	312 14
Building	3.312 14	1.014 18
Royal Ontario Museum	42.894 75	4,053 95
Athletics, Physical Training, Military Studies, etc. ($6.863.90):		
Athletics and Physical Training — Men	37 65	11 88
Athletics and Physical Training — Women	1 90	63 00
Health Service — Men	1 20	1 05
Military Studies	8 93	4 38
Hart House	4.134 36	1,450 25
Women's Building (44 Hoskin Avenue)	378 35	29 05
Military Studies Building	632 55	109 35
Faculty of Arts ($41.838.76):		
Physics	495 89	899 83
Astronomy	177 51	191 50
Geology	113 22	63 28
Mineralogy	55 95	27 50
Chemistry	997 88	784 40
Biology	529 10	558 51
Botany	753 06	810 62
History	....	19
Fine Art	136 94	83 50

Geography	5 65	6 19
Political Economy	....	42
Psychology	166 17	303 12
University College Departments	3 90	1 02
University College General Expenses	1 20	....
University College Building	7,998 31	1,637 98
McLennan Laboratory	2,786 53	772 38
Chemical Building	2.550 41	604 62
Biological Building	2.847 78	851 93
Botany Building	3.087 84	414 40
Baldwin House	565 09	327 22
No. 43 St. George St.	521 37	110 54
No. 45 St. George St.	353 45	127 54
No. 47 St. George St.	313 44	48 04
Economics Building	4.593 35	653 45
Psychology Building	1,490 23	416 60
David Dunlap Observatory	1.330 88	268 83
Faculty of Medicine ($29,781.68):		
Anatomy	413 02	391 29
Pathology and Bacteriology	676 33	489 31
Pathological Chemistry	182 07	148 47
Pharmacy and Pharmacology	1 55	144 63
Bio-Chemistry (including Zymology)	48 45	430 55
Physiology	69 62	282 20
Hygiene and Preventive Medicine	49 83	21 52
Medicine	90 11	270 34
Paediatrics	28 87	18 50
Surgery	....	3 59
Obstetrics and Gynaecology	....	2 06
Art Service	7 45	10 78
General Expenses	20 94	37 54
Medical Building	4,159 51	907 48
Banting Institute	7,138 70	1.043 77
Anatomical Building	2.237 58	419 79
Hygiene Building	8.866 50	1,169 33
School of Hygiene	19 78	16 38
Faculty of Applied Science ($18.625.14):		
Electrical Engineering	167 22	124 13
Mechanical Engineering	109 20	215 59
Civil Engineering: Municipal and Structural	39 94	74 03
Civil Engineering: Surveying and Geodesy	25 83	109 76
Mining Engineering	146 78	217 69
Metallurgical Engineering	134 44	98 59
Chemical Engineering and Applied Chemistry	1,248 64	995 99
School of Architecture	36 24	61 10
Engineering Drawing	58 51	23 41
Applied Physics	53 79	49 02
General Expenses	102 81	27 67
Photographic Service	7 00	14 21
Mining Building (including Mill Building)	5.497 76	1,158 25
Engineering Building	2.958 32	846 25
Electrical Building	3.009 02	683 62
Geodetic Observatory Building	306 76	23 57
Faculty of Dentistry ($9.561.50):		
Laboratory and Infirmary Supplies, etc.	2.530 46	1.351 15
Dental Building	4.510 84	1.169 05
Faculty of Household Science ($3.958.16):		
Household Science Department	844 00	218 52
Food Chemistry Department	75 80	29 26
Household Science Building	2.186 05	604 53
Faculty of Forestry ($579.82):		
Maintenance of Department	33 74	3 79
Forestry Building	435 87	106 42
School of Graduate Studies	1 07	03
School of Nursing ($3.175.99):		
School Maintenance	....	17 80
Residence Maintenance	188 40	193 36
Building, No. 7 Queen's Park	2,138 10	638 33
Examinations	152 19	1 46
University Extension and Publicity	419 94	81 56
Men's Residences	11,585 12	1,402 55

Women's Residences and Union ($6,531.17):			
Maintenance of Buildings	3.805 55	864 01	
Housekeeping Account	648 09	1,213 52	
Central Power Plant	25,731 77	1,758 97	
Miscellaneous and General ($33,935.13):			
Central Stores	1,542 25	....	
Grounds	10,818 32	1.910 99	
Protective Service	16,008 03	24 46	
Telephones	3.628 37	....	
Convocation Expenses	2 40	31	
Special Research (including Banting and Best)	6.545 74	6,177 04	
University Press	289 08	329 11	
Ontario College of Education	11.913 89	2.037 69	
Alterations, University Press	372 01	323 63	
Women's Athletic Building Construction	40 35	19 44	
Work done for University organzations, members of staff, sundry incidental accounts, etc. (including Accounts Receivable on 30 June, $5,818.94)	33,828 87	39.275 13	
Cash Sales	....	646 92	
	$271,287 68	$88.956 81	$360.244 49
Ledger Balance, 30 June, 1937			$14,477 50

(Superintendent's Inventory Value, $24,227.28)

APPENDIX V.

ONTARIO COLLEGE OF EDUCATION

Balance on hand 30 June, 1936	$ 43,529 87
Receipts, 1936-37:	
Legislative Grant	202.680 00
Fees of Students	63.383 61
Aura Lee Grounds	600 00
	$310.193 48
Expenditure for salaries and maintenance for the year ending 30 June, 1937	266,335 86
Balance on hand 30 June, 1937	$43,857 62

Salaries

J. G. Althouse, Dean (paid also $350 for Extension Work) $6.000—$102.50	$5.897 50
Professors:	
P. Sandiford, Educational Psychology and Director of Educational Research, $5.700—$95	5.605 00
F. E. Coombs, Methods in Elementary Subjects (paid also $350 for Extension Work) $4.700—$71.50	4.628 50
G. A. Cornish, Methods in Science, $4,700—$71.50	4.628 50
W. C. Ferguson, Methods in Modern Languages, $4,700—$71.50	4,628 50
G. M. Jones, Methods in English and History, $4,700—$71.50	4.628 50
J. O. Carlisle, Methods in Classics, also Supervisor of Practice-Teaching, $5.000—$77.50	4.922 50
W. J. Lougheed, Methods in Mathematics (paid also $126 for Extension Work) $4.300—$63.50	4,236 50
Associate Professors:	
Miss W. G. Barnstead, also Director of Library School, $3,900—$55.50	3.844 50
Miss L. L. Ockley, Household Science, $4.100—$59.50	4,040 50
W. G. Bennett, Methods in Commercial Subjects (paid also $178 for Extension Work) $4,100—$59.50	4,040 50
Assistant Professors:	
Miss Bertha Bassam, Library Science in Library School, $2.700—$33	2.667 00
B. C. Diltz, Methods in English and History, $3.850—$54.50	3.795 50
J. A. Long, Educational Psychology (paid also $420 for Extension Work) $3,500—$47.50	3,452 50
Lecturers, also Instructors in University Schools:	
Miss A. Marsh, Art, $3,025—$38	2.987 00

A. N. Scarrow, Manual Training (paid also $300 for Extension Work) $4,000—$57.50 (retired 30 June)	3,942 50
G. N. Bramfitt, Music, $4,000—$57.50	3,942 50
F. Halbus, Physical Training, $3,525—$48	3,477 00
Miss H. L. Bryans, Instructor, Physical Training, $3,300—$43.50	3,256 50
Miss A. E. Robertson, Lecturer, Household Science, $3,200—$41.50	3,158 50
Miss Sally A. Ballard, Reviser and Instructor in Library Science, Library School, $1,500—$16.25	1,483 75
Instructors in University Schools:	
A. C. Lewis, Headmaster, $4,500—$67.50	4,432 50
R. F. S. Baird, Teacher-Librarian, $3,300—$43.50	3,256 50
G. A. Cline (on leave of absence) $4,000—$57.50	3,942 50
A. G. Croal (paid also $40 for Extension Work) $3,500—$47.50	3,452 50
E. L. Daniher, $4,000—$57.50	3,942 50
J. L. Gill, $3,700—$51.50	3,648 50
H. A. Grainger (paid also $132 for Extension Work) $4,000—$57.50	3,942 50
J. A. Irwin, $4,000—$57.50	3,942 50
Norman McLeod, $3,800—$53.50	3,746 50
J. H. Mills (paid also $38 for Extension Work) $4,000—$57.50	3,942 50
N. L. Murch (paid also $152 for Extension Work) $4,000—$57.50	3,942 50
L. H. Newell, $2,500—$30	2,470 00
P. A. Petrie, $3,850 — $54.50	3,795 50
C. E. Phillips (paid also $390 as Instructor in Pedagogy, $198 in School of Nursing, and $350 for Extension Work) $3,650—$50.50	3,599 50
W. L. C. Richardson, $4,000—$57.50	3,942 50
W. R. Stewart, $2,750—$33.75	2,716 25
W. H. Williams (on leave of absence; ob. 5 May—salary to 30 June paid to widow) $4,000—$57.50	3,942 50
J. G. Workman, $4,000—$57.50	3,942 50
G. W. Cochrane, Instructor in Swimming and Supervisor of U. T. S. Athletic Field and Sports, $2,400—$28.50	2,371 50
Special Instructors in Library Science:	
Administration:	
G. H. Locke (ob. 28 Jan.—paid to Estate)	700 00
F. C. Jennings (including expenses, $22)	172 00
W. S. Wallace, College and University Libraries (paid also as University Librarian) $350—$3.50	346 50
Miss Lillian H. Smith, Work with Boys and Girls	450 00
Miss Frances Trotter, Story-Telling	150 00
Miss Jean Merchant, School Libraries	150 00
Miss M. Edna M. Poole, Special Libraries	150 00
C. R. Sanderson, Circulation of Books	150 00
Occasional Lecturers:	
Miss I. Locheed	50 00
Miss F. Waldon	50 00
F. W. Landon (including expenses, $9.85)	39 85
Miss K. Moyer (including expenses $8.40)	38 40
Miss Winnifred Gregory (including expenses $20)	35 00
E. C. Kyte (including expenses $16.50)	31 50
E. J. Pratt (paid also in Faculties of Medicine and Dentistry)	30 00
F. H. Walter	30 00
J. A. Lowe (including expenses, $16.48)	61 48
G. S. Brett (paid also in Faculty of Arts)	30 00
Victor Lange (paid also in Faculty of Arts)	30 00
Mrs. Aimee Kennedy (including expenses, $14.95)	29 95
H. C. Gourlay (including expenses, $3.50)	18 50
Griffith Taylor, Special Lecturer in Geography (paid also $3,877.50 in Faculty of Arts) $2,500—$30	2,470 00
Norman Davies, Lecturer in Methods for Specialists in Agriculture (Sessional)	300 00
Supply Teachers @ $7.50 per day:	
M. Sniderman, 177 days	1,327 50
S. B. McCready, 172 days	1,290 00
R. Nicholson, 4 days	30 00
H. G. Dearborn, 4 days (paid also in Educational Research)	30 00
H. F. Balmer, 4 days (paid also in Educational Research)	30 00
Miss D. A. Thompson, Librarian, $2,400—$28.50	2,371 50
Miss D. Walter, Assistant Librarian, $1,400—$15	1,385 00
Clerical Staff:	
Miss L. Swinarton, Secretary, $1,950—$21.88	1,928 12

Clerks:		
Miss E. G. Seldon, $1,550—$16.88	1,533 12	
Miss G. Potter, $1,350—$14.38	1,335 62	
Miss J. M. Jeffrey, $1,250—$13.12	1.236 88	
Miss G. M. Harvey, $1,100—$11.25	1,088 75	
		$171.335 17
Retiring Allowances:		
Teachers' Insurance and Annuity Association, contribution of College for year ending 30 June, 1937, to fund for retiring	3,324 62	
Contribution of College for year ending 30 June, 1937, to University Pensions Fund — Employees	958 00	
		$4,282 62
Charges on Investment:		
Accountant, Supreme Court of Ontario, proportion of annual payment on debenture issue of 1909 for interest and sinking fund	10,000 00	
Maintenance of Building:		
Fuel:		
Great Lakes Coal Co.	3,206 66	
Gas, $250.81; electric current, $2.403.76; water, $243.25; telephone service, $342.91	3,240 73	
Caretaker's supplies:		
Superintendent's Dept., material	604 03	
Cleaning ($5,788.53):		
Advance Window Cleaning Co.	68 60	
Superintendent's Dept., labour	5,719 93	
Repairs and renewals ($3,294.99):		
Art Window Shade Co., repairs	5 65	
Canadian Powers Regulator Co., repairs to control system	55 71	
Federal Floor Finishing Co., re-surfacing floors	21 90	
John Nelson & Sons, plaster repairs	45 00	
Provincial Treasurer, public hall license	10 00	
Routery Bros., plaster repairs	30 65	
Wm. Stephenson, surfacing driveway, etc.	156 38	
Triplex Weather Strip Co., weather stripping	95 00	
Vulcan Asphalt & Supply Co., stairway repairs	90 00	
Superintendent's Dept., labour, $1,999.47; material, $785.23	2,784 70	
Grounds:		
Superintendent's Dept., labour, $799.40; material, $45.47	844 87	
Caretaker and Engineer, J. Harding, 12 mos., $1.450 — $15.62; (and overtime, $98.50)	1,434 38	
Fireman ($780.29):		
G. Thompson, 29 weeks, 3 days	647 43	
H. Britton, 6 weeks, 4½ days	132 86	
Nightwatchmen ($1,400.34):		
H. McLeod, 12 mos., $1.260 — $13.25	1,246 75	
W. Gordon, 27 nights	92 95	
A. Smith, 17 nights	60 64	
Workmen's Compensation (201.41):		
Workmen's Compensation Board, to cover allowance paid to G. Thompson	96 41	
Hospital and medical services	105 00	
	$20,796 23	
Less credits: Cleaning, etc., $442.57; fuel, light, etc., $157.36; telephones, $36.58	636 51	
		$20.159 72
Maintenance of Aura Lee Grounds:		
Fuel:		
Central Coal Co.	$297 44	
Gas, $23.60; electric current, $55.67; water, $62.25; telephone service, $107.40	248 92	
Caretaker's supplies:		
Superintendent's Dept., material	23 01	
Repairs and occasional labour ($730.46):		
George Gilliyn, erecting fence	34 50	
Italian Mosaic & Tile Co., tiling	27 22	
M. Scott, share of erecting fence	6 00	
Superintendent's Dept., labour, $473.02; material, $189.72	662 74	
Caretaker, G. Cruikshank, 12 mos. (with living quarters valued @ $200) $1.150 — $11.88	1,138 12	
		$2,437 95

Maintenance of Instruction:

Use of City School:	
Board of Education, City of Toronto	$33,610 50
Use of Rural Schools ($387):	
Honoraria as critic teachers — Agriculture:	
Principal R. H. King	80 00
D. G. McBain	135 00
W. A. Porter	135 00
Dean Althouse, expenses of students, Specialists in Agriculture	37 00
Payments to Librarians who assist in practical work ($750):	
Miss J. Baker	50 00
Miss L. Booth	50 00
Miss G. Boyle	50 00
Miss H. Chadwick	50 00
Miss H. Dean	50 00
Miss M. Finch	50 00
Miss M. Forman	50 00
Miss V Hyland	25 00
Miss J. McCally	50 00
Miss M. McGregor	50 00
Miss E. Mackintosh	50 00
Miss F. Murray	50 00
Miss M. L. Newton	25 00
Miss S. Robinson	50 00
Miss B. Steele	25 00
Miss H. G. Woolryche	50 00
Miss A. Wright	25 00
Laboratory and library assistance and pianist's services ($224.10):	
Mrs. S. McKerrighan, 370 hours	122 10
Pianist:	
Mrs. M. Graham. 96½ hours	96 50
Mrs. E. Cronenberg	2 00
Miss D. Wright	3 50
Office supplies ($1,992.25):	
D. Gestetner Ltd., ink and stencils	111 12
Postage	335 00
Robbins & Townsend, typewriter inspection	27 60
Waller Office Appliance Co., duplicator roll	8 25
Miss Nancy Woodward, clerical assistance, 5 weeks	75 00
University Press, printing and stationery	809 31
Sundry disbursements by department	15 13
Superintendent's Dept., labour, $413.69; material, $197.15	610 84
Office supplies for Library School ($116.62):	
D. Gestetner Ltd., stencils	29 32
Grand & Toy, stationery	8 90
Postage	43 00
Robbins & Townsend, typewriter inspection	20 40
Waller Office Appliance Co., duplicator rolls	15 00
General supplies and apparatus for class room use ($3.778.10):	
Aikenhead Hardware Ltd., hardware	11 08
Artists' Supply Co., boards	14 40
Bauer & Black, medical supplies	14 18
British Drug Houses, chemicals, etc	18 38
Canadian Laboratory Supplies, glassware	228 02
City Dairy	11 55
F. E. Cleland, provisions	74 76
Copp, Clark Co., chalk	33 50
T. Eaton Co., cloths, oilcloth and sundries	42 20
W. J. Gage Co., paper, books, etc	106 61
Heintzman & Co., radio, piano rental, etc	134 18
Matthews, McCutcheon & Co., projector, etc	659 65
Thos. Nelson & Sons, books	35 28
W. B. Nicolson, scales	19 61
Ryerson Press, protectors and cards	15 95
L. C. Smith & Corona Typewriters Ltd., typewriter rental	27 00
Leslie V. Smith, lettering certificates	68 00
Glenn Starr, magazines, etc	64 75

Underwood-Elliott-Fisher Ltd., typewriter rental	418 75
Warwick Bros. & Rutter, paper	185 60
Whaley, Royce & Co., song books, records, etc	17 30
H. W. Wilson Co., subscription	39 23
Wilson Scientific Co., filters, glassware, tubing, etc	429 79
Payments to Examiners, extra mural candidates: J. G. Althouse, $31.87; J. O. Carlisle, $26.62; F. E. Coombs, $15.75; G. A. Cornish, $51.37; B. C. Diltz, $38.62; W. C. Ferguson, $23.25; G. M. Jones, $34.50; J. A. Long, $15.75; W. J. Lougheed, $20.25	257 98
University Press, printing and stationery	412 88
Accounts under $10 (31)	118 55
Sundry disbursements by department	19 87
Superintendent's Dept., freight, $16.21; labour, $236.10; material, $46.74	299 05
Supplies and equipment for Library School ($850.53):	
American Library Association, books and subscriptions	65 08
Bookshelf Bindery, books	28 40
G. Ducharme, books	14 00
Gordon & Gotch, subscription	88 71
Grafton & Co., books and subscriptions	38 37
Heintzman & Co., music	11 54
Dora Hood's Book Room, books	22 50
Library of Congress, cards	11 56
Lowe-Martin Co., cards, pads, etc	51 61
McClelland & Stewart, book	12 00
Macmillan Co., books	19 20
Postage	24 00
H. W. Wilson & Co., books and subscriptions	68 27
University Associates of Canada, books	16 50
University Press, printing and stationery	229 72
Accounts under $10 (26)	80 92
Sundry disbursements by department	10 00
Superintendent's Dept., labour, $23.54; material, $34.61	58 15
Library books, periodicals, etc. ($705.48):	
Bookshelf Bindery, buckram binding, etc	27 39
Clark, Irwin Co., books	11 20
Evans Bros., subscription	13 78
Joseph Fulton, binding	12 65
Dickson Kenwin, books	10 00
Library of Congress, cards	18 08
Lowe-Martin Co., cards	19 55
Macmillan Co., books	19 44
Sir Isaac Pitman & Sons, books	18 48
Ryerson Press, books, etc	359 68
Trans-Canada Press	15 00
University Associates of Canada, encyclopaedia	41 25
University of Western Ontario, books	15 00
H. W. Wilson Co., subscription	19 70
University Press, printing and stationery	50 05
Accounts under $10 (20)	54 23
Physical training, including care of grounds, Field Day Sports, etc. ($702.54):	
Lackie Mfg. Co., shields and medals	173 52
Toronto Radio & Sports Ltd., balls and bats	18 29
University Arena, rental	100 00
Harold A. Wilson Co., balls, gymnasium equipment and repairs	335 49
Accounts under $10 (3)	10 20
Superintendent's Dept., labour, $28.75; material, $36.29	65 04
Lunchroom equipment ($74.10):	
Cassidy's Ltd., tumblers	4 35
Topeko & Co., thermex	19 75
Superintendent's Dept., material	50 00
Graduate Courses and Summer Session ($2,000):	
Instructors:	
J. G. Althouse	350 00
M. A. Cameron	210 00
F. E. Coombs	350 00
J. A. Long	350 00
C. E. Phillips	740 00

Department of Educational Research:		
Assistant Professor, M. A. Cameron, 12 mos. (paid $3,000 from Special Fund, also $210 for Extension Work)	....	
Research Assistants ($2,456.72):		
C. B. Conway, 12 mos.	1,000 00	
H. B. Dearborn, 9 mos., 28 days (paid also $10 as supply teacher)	823 34	
H. F. Balmer, 7 mos., 20 days (paid also $33.30 as supply teacher)	633 38	
Secretary, Miss K. M. Hobday, 12 mos., $1,600 — $17.50	1,582 50	
Clerical assistance ($1,900):		
Miss M. Graham, 12 mos.	1,000 00	
Miss M. Spalding, 12 mos.	900 00	
Office supplies, printing, etc. ($1,989.96):		
D. Gestetner Ltd., ink, stencils, etc.	45 68	
Instruments Ltd., guides	22 75	
Lowe-Martin Co., cabinet drawers, cards and files	30 92	
National Stationers, folders	11 00	
Postage	102 00	
Robbins & Townsend, typewriter inspection	20 80	
Wholesale Radio Co., radio parts	14 47	
University Press, printing and stationery	1,527 78	
Accounts under $10 (6)	31 11	
Sundry disbursements by department	10 00	
Superintendent's Dept., freight, $108.65; labour, $39.36; material, $25.44	173 45	
Publication of "The School" and distribution in Training Schools:		
"The School," subscriptions	5,000 00	
		$58,120 40
		$266,335 86

REPORT

RELATING TO THE REGISTRATION OF

BIRTHS, MARRIAGES AND DEATHS

IN THE

PROVINCE OF ONTARIO

FOR THE

YEAR ENDING 31st DECEMBER

1937

(BEING THE SIXTY-EIGHTH ANNUAL REPORT)

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO

SESSIONAL PAPER No. 13, 1938

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1939

TO HIS HONOUR THE LIEUTENANT-GOVERNOR OF THE PROVINCE OF ONTARIO

MAY IT PLEASE YOUR HONOUR:

I herewith beg to present for your consideration the Sixty-Eighth Annual Report of the Registrar-General, relating to the Registration of Births, Marriages and Deaths in the Province of Ontario during the year 1937.

Respectfully submitted,

H. C. NIXON,

Registrar-General of Ontario.

SIR:

I have the honour to submit for your approval the Sixty-Eighth Annual Report made in conformity with and under the provisions of the Act respecting the Registration of Births, Marriages and Deaths in the Province of Ontario, for the year ending December 31st, 1937.

I have the honour to be, Sir,

Your obedient servant,

F. V. JOHNS,
Deputy Registrar-General.

TO THE HON. H. C. NIXON,
Registrar-General of Ontario.

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REPORT UPON

Births, Marriages and Deaths

For the Year 1937

BEING THE SIXTY-EIGHTH ANNUAL REPORT OF THE REGISTRAR-GENERAL

ESTIMATED POPULATION, 1937

	Males	Females	Totals
Totals	**1,891,000**	**1,820,000**	**3,711,000**
Under 1	32,147	31,122	63,269
1	32,336	31,304	63,640
2	34,416	33,488	67,904
3	34,794	34,216	69,010
4	35,173	33,670	68,843
Totals under 5 years	**168,866**	**163,800**	**332,666**
5– 9	182,482	177,632	360,114
10–14	174,728	169,442	344,170
15–19	176,619	168,168	344,787
20–24	159,600	155,246	314,846
25–29	146,931	139,230	286,161
30–34	139,178	133,406	272,584
35–39	135,963	130,858	266,821
40–44	127,643	119,574	247,217
45–49	116,864	106,106	222,970
50–54	98,899	93,184	192,083
55–59	76,018	72,254	148,272
60–64	62,403	61,880	124,283
65–69	49,922	50,232	100,154
70–74	38,198	39,130	77,328
75–79	21,368	22,022	43,390
80–84	10,022	11,284	21,306
85–89	3,594	4,732	8,326
90 and over	1,135	1,456	2,591
Not stated	567	364	931

The population is distributed as follows:—

City municipalities, 1,647,783; Towns (over 5,000 population), 184,365; Rural (including all other municipalities), 1,878,852.

BIRTHS

There were registered 61,645 living births during the year 1937, being a rate of 16.6 per 1,000 of population. This being an numerical decrease of 806.

BIRTHS

There were 31,655 boys, or 51.3% of the total number; and 29,990 girls, or 48.6% which represents 94.7 male to 100 female births.

NUMBER OF BIRTHS AND RATE PER 1,000 OF POPULATION

	1937		1936	
	Number	Ratio	Number	Ratio
Province	61,645	16.6	62,451	16.9
Cities	32,430	19.6	32,425	19.9
Towns	4,164	22.5	4,044	21.3
Rural	25,051	13.3	25,982	13.8

NUMBER OF BIRTHS AND RATE FOR 10 YEARS

Year	Number	Ratio	Year	Number	Ratio
1928	68,510	20.9	1933	63,646	18.1
1929	68,458	20.5	1934	62,234	17.5
1930	71,263	21.0	1935	63,069	17.5
1931	69,209	20.2	1936	62,451	16.9
1932	66,842	19.2	1937	61,645	16.6

STILL BIRTHS

Year	Registered as Births	Ratio per 1,000 Total Births	Year	Registered as Births	Ratio per 1,000 Total Births
1918	2,198	32.9	1928	2,793	39.2
1919	2,091	32.2	1929	2,730	38.8
1920	2,495	33.3	1930	2,713	36.6
1921	3,234	41.7	1931	2,652	36.9
1922	3,015	40.5	1932	2,377	34.3
1923	3,028	41.4	1933	2,161	32.7
1924	2,594	34.9	1934	2,091	32.5
1925	2,780	38.1	1935	2,140	32.7
1926	2,812	39.9	1936	2,034	31.5
1927	2,758	39.5	1937	1,988	31.2

BIRTHS

Age of Mother

Year	12	13	14	15	16	17	18	19	20	21	22	23	24	25	12–25	Others
1928	..	4	19	100	293	773	1472	2189	2767	3165	3547	3765	3987	3777	25861	42649
1929	2	3	29	103	321	766	1586	2270	2890	3283	3749	3806	3974	3897	26677	41781
1930	..	5	33	101	349	835	1636	2498	3042	3441	4004	4129	4176	4010	28262	43001
1931	2	6	24	104	361	847	1720	2457	2937	3401	3820	3984	4118	4017	27800	41409
1932	..	3	12	106	308	783	1647	2400	2946	3422	3596	3787	4058	3850	26909	39933
1933	..	5	24	97	318	750	1661	2334	2843	3220	3421	3631	3765	3791	25350	38296
1934	..	5	16	79	288	709	1476	2276	2783	3221	3471	3484	3688	3507	25003	37231
1935	..	3	17	103	312	710	1497	2270	2842	3366	3499	3738	3732	3757	25846	37223
1936	..	5	25	104	294	691	1497	2269	2946	3391	3629	3682	3745	3666	25944	36507
1937	..	5	14	97	306	781	1521	2258	2779	3308	3725	3791	3756	3661	26002	35643
Total	4	44	213	994	3150	7645	15713	23121	28775	33218	36461	37797	38999	37933	262664	393673

42.1% of living births were of mothers under 25 years of age and 57.8% of mothers 25 years and over.

ILLEGITIMATE BIRTHS

Rate per 1,000 living Births

1906	10.4	1914	22.1	1922	21.2	1930	37.2
1907	14.8	1915	21.9	1923	22.5	1931	40.0
1908	14.9	1916	20.9	1924	24.0	1932	42.3
1909	13.9	1917	19.5	1925	26.8	1933	43.8
1910	19.3	1918	21.0	1926	26.9	1934	40.2
1911	19.4	1919	19.8	1927	29.0	1935	41.8
1912	21.3	1920	20.5	1928	31.7	1936	44.6
1913	21.6	1921	21.5	1929	34.6	1937	45.3

ILLEGITIMATE BIRTHS

By Ages of Mothers

Year	12	13	14	15	16	17	18	19	20	21	22	23	24	25	12–25	Over 25	Total	Rate
1928..	..	4	16	56	119	197	233	233	216	173	157	136	86	73	1699	471	2170	31.7
1929..	2	3	25	60	125	193	256	268	227	202	164	138	114	83	1860	516	2376	34.6
1930..	..	5	27	72	146	198	249	294	293	200	207	143	145	97	2076	575	2651	37.2
1931..	2	6	21	71	152	235	292	313	233	229	202	171	137	90	2154	619	2773	40.0
1932..	..	3	10	53	124	212	310	320	286	257	172	165	151	103	2166	668	2834	42.5
1933..	..	4	17	52	144	209	314	331	268	256	200	144	128	97	2164	622	2786	43.8
1934..	..	5	12	38	96	190	226	272	251	233	198	139	123	104	1887	613	2500	40.2
1935..	..	3	16	49	123	186	248	278	259	265	187	184	139	103	2040	602	2642	41.8
1936..	..	5	24	60	107	179	261	298	271	266	225	179	153	121	2149	639	2788	44.6
1937..	..	5	12	58	119	199	244	261	239	260	215	173	142	126	2053	743	2796	45.3
Total.	4	43	180	569	1255	1998	2633	2868	2543	2341	1927	1572	1318	997	20248	6068	26316	.....

In the case of illegitimate births 73.4% of the mothers were under 25 years of age and of the total 2,796 such births, 1,424 or 50.9% were boys and 1,372 or 49.0% girls.

MULTIPLE BIRTHS

There were 674 cases of twin births. Of these 688 were males and 660 females.

There were 5 cases of triplets, 5 boys and 10 girls.

Table 15 will give a detailed explanation of the multiple births.

CONFINEMENTS

Multiple births	679
Single living births	60,381
Single still births	1,889
	62,949

Other tables dealing with births will be found from Table No. 1 to Table No. 15.

MARRIAGES

NUMBER AND RATE PER 1,000 OF POPULATION

	1937		1936	
	Number	Ratio	Number	Ratio
Province	29,893	8.1	27,734	7.5
Cities	17,796	10.8	16,255	9.9
Towns	1,842	9.9	1,877	9.8
Rural	10,255	5.4	9,602	5.1

NUMBER AND RATIO PER 1000 POPULATION FOR 10 YEARS

Year	Marriages	Ratio	Year	Marriages	Ratio
1928	25,728	7.8	1933	22,587	6.4
1929	27,605	8.3	1934	25,874	7.3
1930	25,605	7.6	1935	26,843	7.5
1931	23,771	6.9	1936	27,734	7.5
1932	22,224	6.4	1937	29,893	8.1

The tables dealing with marriages from various angles are numbered 16 to 22.

DIVORCES—YEARS AT MARRIED LIFE

Years Married	1933	1934	1935	1936	1937	Years Married	1933	1934	1935	1936	1937
1	..	3	6	4	2	27	6	5	4	6	3
2	7	7	8	15	9	28	3	1	5	3	2
3	8	9	6	15	16	29	1	1	2	3	3
4	14	13	16	33	19	30	..	1	3	2	3
5	17	16	33	30	31	31	..	..	2	3	1
6	22	23	42	35	30	32	..	1	2	1	2
7	17	21	38	30	47	33	1	3	1	..	1
8	23	28	33	31	53	34	1	..	..	..	3
9	16	23	24	36	45	35	..	..	..	1	1
10	16	34	23	34	45	36	..	..	..	1	1
11	14	19	37	27	30	37	..	..	1	1	..
12	21	16	26	26	32	38	..	..	1	..	1
13	20	12	26	20	30	39	..	..	..	..	..
14	12	21	22	22	30	40	..	..	..	..	..
15	12	16	19	29	21	41	..	..	1	..	1
16	10	14	21	21	18	42	..	..	..	..	1
17	13	13	8	21	18	43	..	..	..	..	..
18	9	14	10	9	26	44	..	..	..	..	..
19	10	11	11	11	11	45	..	..	..	..	..
20	13	5	14	9	18	46	..	..	..	..	1
21	10	11	9	4	9						
22	2	7	4	10	11						
23	1	4	6	8	4	Total...	308	365	491	514	607
24	5	4	7	2	9	Rate per 1,000 marriages	13.6	14.1	18.3	18·5	20.3
25	1	4	3	7	14						
26	3	4	6	4	6						

607 divorce returns were filed with the Registrar-General in 1937.

209 granted to men and 398 to women.

The above figures are compiled from information sent to the Registrar-General by the Registrars of the Supreme Courts of Ontario.

DEATHS

	1937		1936	
	Number	Ratio	Number	Ratio
Province	38,475	10.4	37,571	10.2
Cities	19,298	11.7	18,964	11.6
Towns	2,419	13.1	2,412	12.7
Rural	16,758	8.9	16,195	8.6

DEATHS AND RATE PER 1,000 OF POPULATION FOR 10 YEARS

Year	Deaths	Ratio	Year	Deaths	Ratio
1928	37,128	11.3	1933	35,301	10.0
1929	38.123	11.4	1934	35,119	9.9
1930	37,313	11.0	1935	36,317	10.1
1931	35,705	10 4	1936	37,571	10.2
1932	36,469	10.5	1937	38,475	10.4

TEN HIGHEST CAUSES OF DEATH IN EACH YEAR PER 100,000 OF POPULATION

	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
Organic heart disease	5,609	5,891	5,634	5,818	6,679	6,619	7,066	7,053	7,053	7,226
	171.0	176.7	166.1	169.2	192.1	187.6	198.3	196.1	191.1	194.7
Pneumonia (all forms)	2,736	2,402	2,279	2,305	2,388	2,175	2,145	2,417	2,520	2,595
	83.4	78.1	67.3	67.1	68.7	61.7	60.2	67.2	68.2	69.9
Influenza	1,711	2,394	854	1,084	1,544	1,240	580	958	722	1659
	52.1	73.1	25.7	31.6	44.4	35.1	16.2	26.6	19.5	44.6
Tuberculosis	1,832	1,703	1,791	1,728	1,604	1,465	1,337	1,303	1,327	1,315
	55.9	51.1	52.8	50.4	46.1	41.4	37.5	36.2	35.9	35.4
Cancer	3,441	3,402	3,635	3,726	3,825	4,044	4,034	4,214	4,441	4,547
	104.9	102.1	107.2	108.6	110.0	114.7	113.2	117.2	120.2	122.5
Violent or accidental deaths	2,638	2,706	2,774	*2,819	2,571	2,278	2,535	2,672	3,294	2,851
	80.4	81.2	81.8	82.1	73.9	64.6	71.1	74.2	89.4	76.8
Cerebral hemorrhage, cerebral embolism and thrombosis	1,395	1,319	1,219	1,268	1,259	1,262	1,229	1,025	839	770
	42.5	39.6	36.0	37.0	36.2	35.8	34.5	28.5	22.7	20.7
Diseases of the arteries	3,111	3,270	3,628	3,165	3,559	3,574	3,793	4,109	4,621	4,633
	94.8	98.2	107.1	92.2	102.4	101.4	106.4	114.2	125.2	124.8
Infantile diarrhoea	643	740	943	821	483	571	509	310	362	399
	19.7	22.2	27.8	23.9	13.9	16.2	14.3	8.6	9.8	10.7
Nephritis	1,743	1,760	1,759	1,341	1,810	1,754	1,700	1,848	1,892	1,946
	53.1	52.8	51.9	39.0	52.1	49.7	47.7	51.4	51.2	52.4
Diabetes	.....	.....	.....	.....	.....	.....	.....	524	566	579
								14.5	15.3	15.6

*Revised.

COMMUNICABLE DISEASES

Rates per 100,000 of population

	1928		1929		1930		1931		1932		1933		1934		1935		1936		1937	
Typhoid fever	78	2.4	97	2.9	78	2.3	99	2.9	58	1.6	51	1.5	49	1.4	39	1.0	40	1.0	35	0.9
Smallpox	2	0.0	1	0.0	1	0.0	1	0.0			1	0.0	...	....	...	...	...	...	..	...
Measles	62	1.9	143	4.3	95	2.8	29	0.8	118	3.3	37	1.0	5	0.1	89	2.5	84	2.3	30	0.8
Scarlet fever	67	2.0	74	2.2	111	3.3	54	1.5	40	1.1	43	1.2	18	1.4	57	1.6	79	2.1	50	1.3
Whooping cough	175	5.4	194	5.9	180	5.4	174	5.0	132	3.7	119	3.3	178	4.7	114	3.1	112	3.0	104	2.8
Diphtheria	213	6.5	262	8.0	202	6.1	157	4.5	89	2.5	40	1.1	23	0.6	33	0.9	31	0.9	30	0.8
Influenza	1711	52.9	2394	73.1	854	25.7	1084	31.6	1544	44.4	1240	35.1	580	16.2	958	26.6	722	19.5	1659	44.6
Poliomyelitis	34	1.0	46	1.4	92	2.7	28	0.8	24	0.6	15	0.4	39	1.9	14	0.3	23	0.6	119	3.2

TUBERCULOSIS

The following Table showing deaths and rates over a fifty year period is shown for comparison and indicates the effectiveness of effort to wipe out this disease.

Year	Number	Rate	Year	Number	Rate
1887..............	2,556	125.4	1917..............	2,460	88.8
1897..............	3,154	146.2	1927..............	1,803	55.1
1907..............	2,530	106.0	1937..............	1,315	35.4

Deaths in Ontario from Tuberculosis by Ages, 1927-1937

Year	Total	Ratio per 100,000	Under 5 years					5-9	10-14	15-19	20-29	30-39	40-49	50-59	60-69	70-79	80 and over	Not stated	Total deaths from all causes.
			0–1	1	2	3	4												
1928	1,832	55.9	29	22	7	15	9	42	61	154	465	338	278	208	125	59	13	7	37,128
1929	1,703	51.1	31	37	15	12	9	42	46	164	415	306	261	157	131	66	9	2	38,123
1930	1,791	52.8	39	30	10	16	7	55	55	159	463	312	238	182	140	72	13	...	37,313
1931	1,728	50.4	25	33	11	16	5	33	46	132	458	337	228	178	134	75	15	2	35,705
1932	1,604	46.1	26	22	14	8	6	32	32	130	387	290	218	212	132	79	16	...	36,469
1933	1,465	41.5	23	28	15	10	10	30	32	101	375	259	223	168	111	68	11	1	35,301
1934	1,337	37.5	14	13	8	14	5	29	23	93	307	260	202	149	135	73	11	1	35,119
1935	1,303	36.2	15	17	12	13	5	25	36	88	264	230	205	186	114	70	12	1	36,317
1936	1,327	35.9	12	24	14	11	5	37	28	93	285	241	202	168	129	65	13	...	37,571
1937	1,315	35.4	19	12	17	6	4	27	28	72	299	230	201	177	132	74	16	1	38,475

TUBERCULOSIS

Number of Deaths in each Age Group and Rate per 100,000 Population

	1932				1933				1934				1935				1936				1937			
	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate
Under 1 yr.	14	46.5	12	41.4	13	42.5	10	34.0	6	19.4	8	26.7	11	35.3	4	13.3	11	34.4	1	3.2	10	31.1	9	28.9
1 "	14	46.2	8	27.1	18	58.6	10	33.4	6	19.3	7	23.2	10	31.9	7	22.9	17	53.0	7	22.3	6	18.5	6	19.1
2 yrs.	7	21.7	7	22.3	9	27.5	6	18.8	5	15.1	3	9.3	2	5.9	10	30.8	7	20.4	7	21.0	7	20.2	10	29.8
3 "	4	12.2	4	12.4	7	21.1	3	9.2	7	20.9	7	21.3	8	23.7	5	15.0	10	28.8	1	2.9	3	8.6	3	8.7
4 "	4	12.2	2	6.3	8	23.9	2	6.2	4	11.8	1	3.0	3	8.8	2	6.1	3	8.5	2	5.9	1	2.8	3	8.9
5 to 9 "	10	5.8	22	13.2	16	9.2	14	8.3	14	7.9	15	8.7	16	9.0	19	11.0	24	13.3	13	7.3	13	3.1	14	7.8
10 " 14 "	12	7.3	20	12.6	13	7.8	19	11.8	10	5.9	13	7.9	20	11.8	16	9.7	13	7.4	15	8.9	11	6.2	17	10.0
15 " 19 "	51	30.8	79	50.1	36	21.4	65	40.7	27	15.9	66	40.8	35	30.4	53	32.5	37	21.0	56	33.3	29	16.4	43	25.5
20 " 24 "	77	51.5	113	77.8	73	48.1	119	80.6	62	40.4	85	57.0	46	29.7	87	57.7	60	37.8	86	55.7	61	38.2	101	65.0
25 " 29 "	94	68.3	103	79.0	70	50.1	113	85.5	79	56.0	81	60.6	53	37.3	78	57.8	57	39.0	82	59.2	56	38.1	81	58.2
30 " 34 "	93	71.3	76	60.8	70	52.9	62	48.8	67	50.1	74	57.8	61	45.2	62	47.9	60	43.3	60	45.2	62	44.5	49	36.7
35 " 39 "	80	62.8	41	33.4	172	55.7	55	44.2	78	59.7	41	32.6	60	45.5	47	37.0	76	56.2	45	34.6	71	52.2	48	36.6
40 " 44 "	78	65.3	48	42.8	60	49.5	46	40.5	64	52.2	36	31.3	85	68.7	43	37.1	64	50.4	35	29.4	64	50.1	34	28.4
45 " 49 "	55	50.2	37	37.3	67	60.4	50	49.6	63	56.1	39	31.4	50	44.1	27	26.2	64	55.1	39	36.9	79	67.6	24	22.6
50 " 59 "	133	81.1	79	51.1	09	65.6	59	37.5	101	60.1	48	28.5	126	74.3	60	37.4	123	70.6	45	27.3	136	77.7	41	24.7
60 " 69 "	75	71.2	57	54.3	62	58.1	49	46.0	85	78.8	50	46.3	75	68.9	39	35.8	80	71.6	49	43.9	87	77.4	45	40.1
70 " 79 "	39	69.9	40	69.5	32	56.5	36	61.7	39	68.1	34	59.4	40	69.3	30	50.4	38	64.1	27	44.4	39	65.4	35	57.2
80 yrs. and over...	5	36.6	11	65.9	6	42.8	5	30.0	2	14.1	9	63.5	6	41.9	6	35.3	5	32.7	8	45.2	5	33.8	11	62.9
Not stated.	...	.....	...	.....	...	....	1	....	1	.....	...	....	1	.....	...	....	...	.....	...	....	1	....	...	.....
Total......	845	47.7	759	44.5	741	41.2	724	41.8	720	39.6	617	35.3	708	38.6	595	33.7	749	39.8	578	31.9	741	39.1	574	31.5

TUBERCULOSIS

Death Rates from T.B. by Age Groups for 10 Years, 1928-1937

(Rate per 100,000 Population)

	Under 1 Year		1 Year		2 Years		3 Years		4 Years		5–9		10–14		15–19		20–24	
Year	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1928...	35.4	45.3	26.6	39.8	10.7	11.0	18.8	22.0	10.7	13.8	10.5	13.0	10.3	25.6	36.0	57.0	64.2	95.3
1929...	84.4	36.3	70.2	39.3	21.2	19.0	18.3	13.6	10.6	13.6	12.5	10.6	9.0	17.6	39.7	58.0	58.9	65.6
1930...	71.1	33.1	43.3	45.0	10.4	16.3	13.1	29.4	2.6	16.2	15.0	14.9	11.2	20.2	22.8	65.0	75.2	83.2
1931...	57.2	31.4	67.1	44.7	12.6	22.6	21.7	28.4	6.0	9.6	7.6	12.1	11.6	17.1	30.0	53.3	56.9	102.4
1932...	46.5	41.4	46.2	27.1	21.7	22.3	12.2	12.4	12.2	6.3	5.8	13.2	7.3	12.6	30.8	50.1	51.5	77.8
1933...	42.5	34.0	58.6	33.4	27.5	18.8	21.1	9.2	23.9	6.2	9.2	8.3	7.8	11.8	21.4	40.7	48.1	80.6
1934...	19.4	26.7	19.3	23.2	15.1	9.3	20.9	21.3	11.8	3.0	7.9	8.7	5.9	7.9	15.9	40.8	40.4	57.0
1935...	35.3	13.3	31.9	22.9	5.9	30.8	23.7	15.0	8.8	6.1	9.0	11.0	11.8	9.7	30.4	32.5	29.7	57.7
1936...	34.4	3.2	53.0	22.3	20.4	21.0	28.8	2.9	8.5	5.9	13.3	7.3	7.4	8.9	21.0	33.3	37.8	55.7
1937...	31.1	28.9	18.5	19.1	20.2	29.8	8.6	8.7	2.8	8.9	7.1	7.8	6.2	10.0	16.4	25.5	38.2	65.0

	25–29		30–34		35–39		40–44		45–49		50–59		60–69		70–79		80 and Over	
Year	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1928...	76.4	81.5	75.1	94.7	72.0	67.5	94.2	87.1	88.6	62.1	103.9	71.7	80.6	80.9	79.1	76.5	48.8	59.4
1929...	75.4	82.6	73.2	69.0	82.3	51.9	97.3	54.3	92.6	65.3	87.9	42.3	95.5	70.5	83.2	89.0	32.1	58.6
1930...	71.6	78.0	62.3	80.0	75.7	61.1	80.1	62.4	72.8	63.4	95.7	53.8	120.9	52.6	107.4	76.9	47.6	57.2
1931...	82.4	89.2	78.4	69.7	54.0	67.8	63.6	41.6	71.2	30.5	74.7	37.3	69.2	59.8	83.5	51.3	43.9	55.7
1932...	68.3	79.0	71.3	60.8	62.8	33.4	65.3	42.8	50.2	37.3	81.1	51.1	71.2	54.3	69.9	69.5	36.6	65.9
1933...	50.1	85.5	52.9	48.8	55.7	44.2	49.5	40.5	60.4	49.6	65.6	37.5	58.1	46.0	56.5	61.7	65.9	30.0
1934...	56.0	60.6	50.1	57.8	59.7	32.6	52.2	31.3	56.1	31.4	60.1	28.5	78.8	46.3	68.1	59.4	14.1	63.5
1935...	37.3	57.8	45.2	47.9	45.5	37.0	68.7	37.1	44.1	26.2	74.3	37.4	68.9	35.8	69.3	50.4	41.9	35.3
1936...	39.0	59.2	43.3	45.2	56.2	34.6	50.4	29.4	55.1	36.9	70.6	27.3	71.6	43.9	64.1	44.4	32.7	45.2
1937...	38.1	58.2	44.5	36.7	52.2	36.6	50.1	28.4	67.6	22.6	77.7	24.7	77.4	40.1	65.4	57.2	33.8	62.9

DEATHS FROM TUBERCULOSIS, 1937

"Place of Occurrence" and "Place of Residence" Compared

Counties (Exclusive of Cities, Towns and Villages of 5,000 and over.)	Place of Occurrence		Place of Residence		Cities, Towns and Villages of 5,000 and over.	Place of Occurrence		Place of Residence	
	Number	Rate	Number	Rate		Number	Rate	Number	Rate
Addington	1	13.4	1	13.4	Barrie	1	12.2	1	12.2
Algoma	11	41.5	15	56.6	Belleville	4	27.1	4	27.1
Brant	18	68.0	10	37.8	Brampton	1	1.7	2	3.5
Bruce	13	28.4	20	43.8	Brantford	5	15.9	10	31.8
Carleton	4	11.7	11	32.4	Brockville	5	50.0	3	30.0
Cochrane	21	50.1	35	83.6	Chatham	6	36.5	6	36.5
Dufferin	4	25.0	7	43.8	Cobourg	2	34.8	5	87.0
Dundas	1	5.7	4	22.9	Collingwood	1	18.1	2	36.3
Durham	6	21.5	8	28.7	Cornwall	7	54.4	8	62.2
Elgin	3	9.7	4	12.9	Eastview	..	....	2	27.3
Essex	3	5.0	16	26.8	Forest Hill	..	....	..	....
Frontenac	8	32.0	5	20.0	Fort Erie	2	34.7	2	34.7
Glengarry	13	64.9	11	54.9	Fort Francis	2	35.0	..	....
Grenville	5	28.0	7	39.3	Fort William	23	94.4	8	32.8
Grey	5	10.1	9	18.2	Galt	2	13.8	4	27.7
Haldimand	3	13.0	7	30.4	Guelph	4	18.5	9	41.7
Haliburton	1	15.8	1	15.8	Hamilton	22	14.2	55	35.7
Halton	4	14.0	6	21.0	Hawkesbury	1	16.9	1	16.9
Hastings	8	18.7	13	30.5	Ingersoll	1	19.3	3	57.9
Huron	3	6.1	7	14.2	Kenora	4	47.5	4	47.5
Kenora	10	65.2	12	78.3	Kingston	23	94.3	14	57.4
Kent	1	1.9	13	25.2	Kirkland Lake	11	52.3	10	47.6
Lambton	8	19.5	15	36.7	Kitchener	4	12.1	4	12.1
Lanark	10	35.7	13	46.4	Leamington	..	....	..	....
Leeds	14	49.5	19	67.2	Lindsay	..	....	..	....
Lennox	..	....	2	15.4	London	13	17.0	20	26.1
Lincoln	12	38.4	5	16.0	Midland	1	14.9	4	59.7
Manitoulin	12	104.3	16	139.1	Mimico	1	14.4	1	14.4
Middlesex	99	191.8	26	50.3	New Toronto	26	307.3	3	35.4
Muskoka	62	273.9	4	17.6	Niagara Falls	2	10.6	5	26.6
Nipissing	17	58.2	25	85.6	North Bay	2	13.0	6	39.0
Norfolk	2	7.1	3	10.7	Orillia	1	11.1	5	57.4
Northumberland	4	14.0	9	31.7	Oshawa	8	32.2	9	36.2
Ontario	4	11.6	11	31.9	Ottawa	96	67.2	70	49.0
Oxford	6	17.1	8	22.8	Owen Sound	2	15.2	5	38.1
Parry Sound	6	21.5	7	25.1	Pembroke	5	48.2	3	28.9
Peel	2	8.0	5	20.1	Peterborough	7	29.6	8	33.8
Perth	3	7.8	7	18.2	Port Arthur	4	19.3	8	38.6
Peterborough	..	....	2	8.3	Port Colborne	1	15.7	3	47.2
Prescott	3	14.4	5	24.0	Preston	1	15.5	1	15.5
Prince Edward	5	28.0	8	44.9	Renfrew	1	18.7	1	18.7
Rainy River	9	68.1	12	90.8	Riverside	..	....	..	....
Renfrew	7	17.1	14	34.3	St. Catharines	1	3.6	1	3.6
Russell	5	24.9	9	44.9	St. Thomas	3	18.4	6	36.9
Simcoe	14	22.7	16	26.0	Sarnia	3	16.5	4	22.0
Stormont	10	44.6	15	66.9	Sault Ste. Marie	6	25.4	12	50.8
Sudbury	15	40.7	34	92.4	Simcoe	4	68.6	4	68.6
Thunder Bay	8	31.4	15	58.9	Smith's Falls	4	52.4	2	26.2
Temiskaming	30	157.3	15	78.6	Stratford	5	28.7	5	28.7
Victoria	2	9.6	4	19.3	Sudbury	9	34.2	12	45.6
Waterloo	29	82.4	11	31.2	Swansea	..	....	3	51.4
Welland	1	2.0	4	8.3	Timmins	14	67.1	20	95.8
Wellington	9	21.8	12	29.1	Toronto	111	17.1	231	35.6
Wentworth	92	178.5	11	21.3	Trenton	..	....	2	30.8
York	159	65.7	56	23.1	Waterloo	1	11.8	6	71.2
District of Patricia	6	134.7	6	134.7	Welland	2	18.3	3	27.4
Outside of Ontario	..	....	3	....	Weston	1	19.8	2	39.6
					Whitby	1	18.7	1	18.7
					Windsor	37	35.9	36	35.0
					Woodstock	..	....	1	8.7
					From outside Ontario	..	....	6	....

CANCER

The following Table shows how deaths and the death rate from Cancer have increased in the last half century:

1887	614— 30.1
1897	927— 43.0
1907	1,329— 55.7
1917	2,196— 79.3
1927	3,177— 99.6
1937	4,547—122.5

CANCER

Number of Deaths and Rate per 100,000 Population by Age Groups

	1933				1934				1935				1936				1937			
	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate
Under 5 yrs.	10	6.2	10	6.4	9	5.5	5	3.1	4	2.4	5	3.0	10	5.9	6	3.6	11	6.5	6	3.6
5 to 9 yrs.	8	4.6	3	1.7	3	1.7	3	1.7	6	3.4	4	2.3	2	1.1	2	1.1	4	2.1	4	2.2
10 " 14 "	7	4.2	5	3.0	3	1.7	3	1.8	3	1.7	6	3.6	5	2.8	1	0.5	5	2.8	3	1.7
15 " 19 "	6	3.5	3	1.8	4	2.3	4	2.4	7	4.1	5	3.0	6	3.4	5	2.9	6	3.3	5	2.9
20 " 24 "	7	4.6	8	5.4	12	7.8	7	4.6	11	7.1	6	3.9	4	2.5	13	8.4	10	6.2	9	5.7
25 " 29 "	9	6.4	20	15.1	10	7.0	18	13.4	8	5.6	22	16.3	9	6.1	10	7.2	13	8.8	19	13.6
30 " 34 "	15	11.3	28	22.0	25	18.7	32	24.9	22	16.3	45	34.7	19	13.7	31	23.3	19	13.6	39	29.2
35 " 39 "	36	27.8	69	55.5	20	15.3	64	50.9	41	31.1	64	50.5	31	22.9	66	50.7	35	25.7	63	48.1
40 " 44 "	50	41.2	103	90.7	54	44.0	108	94.1	39	31.5	109	94.2	55	43.3	124	104.2	70	54.8	103	86.1
45 " 49 "	93	83.8	176	174.5	82	73.0	143	140.4	103	91.9	163	158.5	83	71.4	173	163.9	108	92.4	162	152.6
50 " 54 "	132	140.4	216	243.6	142	149.4	234	261.5	145	151.2	229	253.1	162	164.4	222	239.8	167	168.8	237	254.3
55 " 59 "	174	241.0	227	331.7	188	257.5	229	310.1	201	272.8	257	368.0	202	277.3	262	364.5	219	288.0	258	357.0
60 " 64 "	237	399.8	275	467.6	254	423.9	280	471.3	269	444.8	268	446.6	238	383.2	302	491.1	300	480.7	274	442.6
65 " 69 "	318	670 6	294	615.9	296	617.5	263	545.3	294	607.7	294	603.4	326	656.1	320	640.0	319	638.9	305	607.1
70 " 74 "	325	896.0	321	858.8	326	889.0	321	854.6	293	791.5	323	846.7	338	888.9	306	766.1	332	869.2	337	861.1
75 " 79 "	231	1138.4	218	1041.4	255	1243.2	226	1068.9	275	1328.4	242	1132.9	295	1392.1	300	1376.1	297	1390.4	307	1394.0
80 " 84 "	134	1407.1	143	1319.4	140	1456.6	130	1200.3	175	1801.1	135	1112.7	182	1832.2	162	1439.9	183	1826.3	150	1329.7
85 " 89 "	52	1524.0	50	1151.8	44	1275.3	59	1298.6	48	1378.4	71	1602.9	63	1726.9	68	1491.1	61	1697.2	71	1500.3
90 " +....	15	1392.7	15	1079.1	18	1652.8	20	1430.6	8	1454.5	14	988.0	20	1899.3	18	1198.4	13	1145.3	22	1510.9
Not stated.	....	......	1	......	....	......	....	......	....	......	....	......	....	......	....	......	1	......	....	......
Total......	1859	103.5	2185	126.4	1885	103.8	2149	122.8	1952	106.5	2262	128.3	2050	109.0	2391	132.1	2173	114.9	2374	130.4

CANCER

Table showing the distribution of deaths from various types according to class and rates per 100,000 of population as follows:

	1928		1929		1930		1931		1932		1933		1934		1935		1936		1937	
Buccal cavity...	132	4.1	155	4.7	124	3.7	183	5.3	155	4.4	192	5.4	172	4.8	167	4.6	131	3.5	166	4.4
Stomach.......	1205	37.3	1139	34.8	1200	36.2	1889	55.0	1979	56.9	2063	58.5	2092	59.7	2123	59.0	2250	59.7	2314	62.3
Peritoneum....	605	18.7	627	19.2	629	18.9														
Female genital organs.......	337	10.4	355	10.8	400	12.3	367	10.7	398	11.4	439	12.4	490	13.7	471	13.0	471	12.7	488	13.1
Breast.........	344	10.7	333	10.2	415	12.5	389	11.3	415	11.9	407	11.5	401	11.2	424	11.7	525	14.2	464	12.5
Skin...........	72	2.2	75	2.3	87	2.6	104	3.0	85	2.4	72	2.0	84	2.3	87	2.4	99	2.6	89	2.3
Other or Unspecified.....	746	23.1	718	22.0	780	23.5	794	23.1	793	22.8	871	24.7	795	22.3	941	26.1	965	26.1	1026	27.6
Total........	3441	104.9	3402	102.1	3635	107.2	3726	108.6	3825	110.0	4044	114.7	4034	113.2	4214	117.1	4441	120.3	4547	122.5

CANCER

Rates per 100,000 of population

	1933		1934		1935		1936		1937	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Buccal cavity	192	5.4	172	4.8	167	4.6	131	3.5	166	4.4
Digestive tract	2,063	58.5	2,092	59.7	2,123	59.0	2,250	59.7	2,314	62.3
Respiratory organs	146	4.1	114	3.1	156	4.3	170	4.6	204	5.4
Uterus	325	9.2	374	10.4	353	9.8	343	9.2	356	9.5
Female genital organs	114	3.2	116	3.2	118	3.2	128	3.4	132	3.5
Breast	407	11.5	401	11.2	424	11.7	525	14.2	464	12.5
Male genito-urinary organs	324	9.1	320	8.9	369	10.2	408	11.0	415	11.1
Skin	72	2.0	84	2.3	87	2.4	99	2.6	89	2.3
Not specified organs	401	11.3	361	10.1	417	11.5	387	10.4	407	10.9
Total	4,044	114.7	4,034	113.2	4,214	117.1	4,441	120.3	4,547	122.5

CANCER

Rates per 100,000 of population

	1933				1934				1935			
	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate
Buccal cavity	158	8.8	34	1.9	146	8.0	26	1.4	132	7.2	35	1.9
Digestive tract	1,068	58.4	995	57.5	1,121	61.7	971	55.5	1,119	61.0	1,004	56.9
Respiratory organs	94	5.8	52	3.0	72	3.9	42	2.4	112	6.1	44	2.4
Uterus	......	......	325	18.8	....	......	374	21.4	......	....	353	20.0
Female genital organs	......	......	114	6.5	....	......	116	6.6	....	....	118	6.6
Breast	5	0.2	402	23.2	5	0.2	396	22.6	6	0.3	418	23.7
Male genito-urinary organs	324	18.0	....	.....	320	17.6	....	......	369	20.1	....	.....
Skin	44	2.4	28	1.6	56	3.0	28	1.6	51	2.7	36	2.0
Not specified organs	166	9.2	235	13.5	165	9.0	196	11.2	163	8.8	254	14.4
Total	1,859	103.5	2,185	126.4	1,885	103.8	2,149	123.0	1,952	106.5	2,262	128.3

CANCER

Rates per 100,000 of population

	1936				1937			
	Male	Rate	Female	Rate	Male	Rate	Female	Rate
Buccal cavity	109	5.7	22	1.2	131	6.9	35	1.9
Digestive tract	1,181	62.8	1,069	59.0	1,247	64.9	1067	58.6
Respiratory organs	107	5.6	63	3.4	147	7.7	57	3.1
Uterus	....	....	343	17.9	....	....	356	19.5
Female genital organs	....	....	128	7.0	....	....	132	7.2
Breast	8	0.4	517	28.5	5	0.2	459	25.2
Male genito-urinary organs	408	21.7	....	....	415	21.9	....	....
Skin	66	3.5	33	1.8	52	2.7	37	2.0
Not specified organs	171	9.0	216	11.9	176	9.3	231	12.6
Total	2,050	109.0	2,391	132.1	2,173	114.9	2,374	120.4

CANCER

The following table shows the difference in rates for the years 1917, 1927 and 1937:

	1917		1927		1937	
	No. of Deaths	Rate	No. of Deaths	Rate	No. of Deaths	Rate
Total	2,196	79.3	3,177	99.6	4,547	122.5
Buccal cavity	97	3.5	141	4.4	166	4.4
Stomach and liver	701	25.3	1,115	34.9	2,314	62.0
Peritoneum and intestines	283	10.2	526	16.5		
Female genital organs	154	5.4	348	10.9	488	13.1
Breast	121	4.3	310	9.8	464	12.5
Skin	69	2.4	75	2.3	89	2.3
Other organs	771	27.8	662	20.8	1026	27.6

DEATH RATES BY AGE GROUPS PER 100,000 POPULATION FROM CANCER

	1932-1936		1937	
	No. of Deaths	Rate	No. of Deaths	Rate
Under 30	414	4.3	95	4.7
30–39	758	29.2	156	28.9
40–49	2,063	91.2	443	94.2
50–59	3,988	243.7	881	258.8
60–69	5,585	517.6	1,198	533.8
70–79	5,572	958.6	1,273	1,054.6
80 and over	2,178	1,363.7	501	1,511.2

INFANT MORTALITY

Deaths of Children Under One Year—Stated Causes of Death

(A) Total Deaths

	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	Mean
Total	4,880	5,204	5,260	4,833	4,133	3,804	3,523	3,515	3,416	3,382	4,195.0
1. Whooping cough	114	121	127	117	86	84	122	95	78	59	100.3
2. Influenza	144	208	85	130	102	108	49	88	72	131	111.7
3. Convulsions	89	64	57	55	39	32	34	29	32	22	45.3
4. Respiratory diseases	588	576	595	557	485	419	411	409	426	415	488.1
5. Diseases of digestive tract	690	795	989	815	509	544	507	337	381	411	597.8
6. Malformations	430	459	454	463	481	455	410	415	434	428	442.9
7. Diseases of early infancy	2,323	2,460	2,403	2,276	2,051	1,813	1,660	1,801	1,637	1,618	2,004.2
8. All others	502	521	550	420	380	349	330	341	356	298	404.7

(B) Rate Per 1,000 Living Births

	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	Mean
Total	71.2	76.0	73.7	71.0	61.0	59.6	56.6	55.7	54.4	54.8	63.1
1. Whooping cough	1.7	1.8	1.8	1.6	1.2	1.3	1.9	1.5	1.2	0.9	1.4
2. Influenza	2.1	3.0	1.2	1.8	1.3	1.7	0.7	1.4	1.1	2.1	1.6
3. Convulsions	1.3	0.9	0.8	0.7	0.5	0.5	0.5	0.4	0.5	0.3	0.6
4. Respiratory diseases	8.6	8.4	8.3	8.0	7.2	6.5	6.6	6.4	6.8	6.7	7.3
5. Diseases of digestive tract	10.0	11.6	13.8	11.7	7.5	8.5	8.1	5.3	6.1	6.6	8.9
6. Malformations	6.3	6.7	6.4	8.4	7.1	7.1	6.6	6.6	6.9	6.9	6.9
7. Diseases of early infancy	33.9	35.9	33.7	32.8	30.6	28.5	26.9	28.6	26.2	26.2	30.3
8. All others	7.3	7.7	7.7	6.0	5.6	5.5	5.3	5.5	5.6	4.8	6.1

Of these infant deaths:

817 or 24.45 per cent. lived less than one day.
731 or 21.61 per cent. lived less than one week.
383 or 11.32 per cent. lived less than one month.
451 or 13.33 per cent. lived less than three months.
500 or 14.78 per cent. lived less than six months.
298 or 8.81 per cent. lived less than nine months.
202 or 5.97 per cent. lived less than one year.

INFANT MORTALITY IN CITIES AND TOWNS OF 10,000 AND OVER. ONTARIO, 1933-1937.

Cities	Deaths Under 1 Year					Rate per 1000 Live Births				
	1933	1934	1935	1936	1937	1933	1934	1935	1936	1937
Belleville	19	17	25	31	18	54.4	46.3	63.3	72.0	47.2
Brantford	40	26	35	31	31	63.5	45.2	58.0	46.5	51.1
Chatham	31	26	35	28	29	66.2	51.4	66.2	48.4	43.0
Cornwall	25	53	32	50	52	53.7	122.1	53.3	88.8	89.5
Fort William	25	20	29	27	14	46.7	42.2	54.6	55.6	27.8
Galt	17	16	16	10	7	60.3	55.3	57.5	37.4	23.7
Guelph	20	17	16	11	13	56.1	51.9	46.9	36.7	43.9
Hamilton	163	148	135	115	106	56.9	54.2	48.8	41.6	38.1
Kingston	31	37	29	46	34	45.2	61.0	42.2	68.2	46.9
Kirkland Lake	......	......	......	34	45	......	......	......	67.4	73.2
Kitchener	31	36	34	34	34	44.7	49.5	44.8	45.7	46.3
London	82	64	70	77	54	64.0	47.8	49.0	54.6	36.6
Niagara Falls	19	22	20	9	14	47.7	54.7	45.7	23.4	34.4
North Bay	19	24	18	28	27	49.0	65.2	46.1	71.4	70.1
Oshawa	21	34	22	31	31	44.7	66.6	42.0	59.1	58.0
Ottawa	257	200	286	267	255	89.4	70.8	94.0	84.8	85.4
Owen Sound	17	15	11	12	17	53.8	46.1	34.3	36.6	52.1
Pembroke	13	17	22	24	25	47.2	60.7	71.2	77.4	96.8
Peterborough	27	23	36	45	27	47.6	42.2	63.0	72.4	42.9
Port Arthur	22	28	13	21	20	42.4	58.7	24.8	38.8	35.3
St. Catharines	32	28	20	34	19	55.8	46.2	36.5	58.9	33.2
St. Thomas	15	17	18	17	10	58.1	52.6	60.6	58.4	33.7
Sarnia	22	21	22	22	22	58.2	52.5	51.8	50.8	52.6
Sault Ste. Marie	22	27	20	40	40	39.0	54.7	37.6	72.2	76.6
Stratford	10	13	23	9	18	32.5	40.6	65.7	25.8	48.6
Sudbury	71	45	55	73	80	98.8	58.6	62.8	74.5	68.6
Timmins	66	60	53	55	74	121.1	101.7	84.0	80.0	91.1
Toronto	673	517	538	527	472	59.6	48.7	51.3	50.6	49.9
Welland	20	17	13	18	15	68.5	66.9	42.8	57.5	48.3
Windsor	53	89	99	93	103	48.8	46.2	48.7	44.0	51.1
Woodstock	7	10	10	8	14	28.4	46.7	44.6	33.8	51.2

PUERPERAL

DEATHS FROM SPECIFIED PUERPERAL CAUSES BY AGE—1937

	Total 10–49	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35–39 years	40–44 years	45–49 years
Total puerperal causes.......	319	1	21	59	70	72	68	25	3
Abortion with septic condition	35	......	3	12	4	9	5	2	......
Abortion without septic condition..................	10	......	......	......	5	2	3	......	......
Ectopic gestation...........	6	......	......	......	3	......	3	......	......
Other accidents of pregnancy.	10	......	......	2	3	3	1	......	1
Puerperal haemorrhage......	36	......	1	6	9	8	10	2	......
Puerperal septicaemia.......	65	1	5	12	18	13	13	3	......
Puerperal albuminuria.......	67	......	9	10	10	13	16	7	2
Other toxemias of pregnancy.	20	......	2	6	3	1	5	3	......
Puerperal phlegmasia........	36	......	......	6	5	14	8	3	......
Other accidents of childbirth.	30	......	1	5	9	8	3	4	......
Others or not specified.......	4	......	......	......	1	1	1	1	......

DEATHS FROM SPECIFIED PUERPERAL CAUSES PER 100 DEATHS FROM ALL PUERPERAL CAUSES BY AGE—1937

	Total 10–49	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35–39 years	40–44 years	45–49 years
Total puerperal causes......	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Abortion with septiccondition	10.97	......	14.28	20.33	5.71	12.50	7.35	8.00	......
Abortion without septic condition	3.13	......	......	......	7.14	2.77	4.41	......	......
Ectopic gestation	1.80	......	......	......	4.28	......	4.41	......	......
Othera ccidents of pregnancy.	3.13	......	......	3.38	4.28	4.16	1.47	......	33.33
Puerperal haemorrhage.....	11.28	......	4.76	10.16	12.85	11.11	14.70	8.00	......
Puerperal septicaemia......	20.37	......	23.80	20.33	25.71	18.05	19.11	12.00	......
Puerperal albuminuria......	21.00	......	42.85	16.94	14.28	18.05	23.52	28.00	66.66
Other toxemias of pregnancy	6.26	......	9.52	10.16	4.28	1.38	7.35	12.00	......
Puerperal phlegmasia.......	11.28	......	......	10.16	7.14	19.44	11.76	12.00	......
Other accidents of childbirth.	9.40	......	4.76	8.47	12.85	11.11	4.41	16.00	......
Others or not specified.......	1.25	......	......	......	1.42	1.38	1.47	4.00	......

Deaths from Puerperal Causes and from all Causes of Female Deaths
(Showing percent from Puerperal Causes)

Ages 1937	All Causes	Puerperal	% 1937	1928	1929	1930	1931	1932	1933	1934	1935	1936	Mean
10–14	146	1	0.68	......	......	......	......	......	1.36	0.66	0.65	......	0.33
15–19	237	21	9.25	9.34	7.21	9.80	7.95	9.99	5.24	8.22	5.83	9.04	7.26
20–24	357	59	16.52	16.09	13.88	21.51	12.42	15.72	20.28	19.38	16.82	19.59	15.56
25–29	350	70	20.00	17.62	17.05	23.57	20.92	20.15	19.80	22.53	18.93	22.75	18.33
30–34	356	72	20.02	19.58	17.06	20.04	21.15	17.83	21.92	20.26	19.07	20.14	17.70
35–39	456	68	14.91	13.18	16.19	16.53	12.98	13.21	13.72	13.33	15.32	13.74	12.82
40–44	523	25	4.78	5.46	7.19	6.12	7.01	6.18	5.20	6.59	4.31	7.54	5.56
45–49	670	3	0.44	0.87	0.14	1.31	0.95	0.89	0.43	0.82	0.48	0.47	0.63

Number of Puerperal Deaths and Rate per 1,000 Living Births

	Province			Cities			Towns			Rural		
	Births	Deaths	Rate	Births	Deaths	Rate	Births	Deaths	Rate	Births	Deaths	Rate
1928...	68,510	396	5.8	31,602	260	8.2	5,939	29	4.9	30,969	105	3.4
1929...	68,485	368	5.4	32,478	224	6.9	6,288	38	6.0	29,692	106	3.6
1930...	71,263	440	6.2	34,380	242	7.0	6,456	37	5.7	30,380	161	5.3
1931...	69,209	372	5.4	33,217	213	6.4	5,998	49	8.1	29,994	110	3.6
1932...	66,842	343	5.0	33,018	208	6.3	4,178	36	8.6	29,646	99	3.3
1933...	63,646	346	5.4	31,107	203	6.5	4,114	25	6.0	28,425	118	4.1
1934...	62,234	348	5.6	30,309	210	6.9	3,876	27	6.9	28,049	111	3.9
1935...	63,069	313	4.9	31,700	246	7.7	3,943	24	6.0	27,426	43	1.5
1936...	62,451	355	5.6	32,425	211	6.5	4,044	24	5.9	25,982	120	4.6
1937...	61,645	319	5.1	32,420	195	6.0	4,164	30	7.2	25,051	94	3.7

Maternal Mortality, Ontario, 1937

Cities, Towns and Villages (5,000 population and over)	Total.		Institutional		Non-institutional	
	Live births	Deaths from puerperal causes	Live births	Deaths from puerperal causes	Live births	Deaths from puerperal causes
Barrie	210	3	167	3	43	...
Belleville	381	4	309	4	72	...
Brampton	165	...	146	...	19	...
Brantford	606	3	432	3	174	...
Brockville	274	4	257	4	17	...
Chatham	673	3	567	3	106	...
Cobourg	137	...	102	...	35	...
Collingwood	152	...	87	...	65	...
Cornwall	581	6	426	5	155	1
Eastview	166	...	...	...	166	...
Forest Hill	7	...	...	...	7	...
Fort Erie	93	1	72	1	21	...
Fort Francis	138	...	21	...	117	...
Fort William	503	1	363	1	140	...
Galt	295	1	197	1	98	...
Guelph	296	1	216	1	80	...
Hamilton	2,768	26	2,163	25	605	1
Hawkesbury	186	2	28	2	158	...
Ingersoll	124	...	84	...	40	...
Kenora	237	3	221	3	16	...
Kingston	724	2	632	2	92	...
Kirkland Lake	614	4	269	3	345	1
Kitchener	733	2	535	1	198	1
Leamington	189	2	96	2	93	...
Lindsay	256	2	199	2	57	...
London	1,472	6	1,208	6	264	...
Midland	186	3	123	3	63	...
Mimico	129	...	94	...	35	...
New Toronto	74	...	...	...	74	...
Niagara Falls	406	3	278	3	128	...
North Bay	385	1	221	1	164	...
Orillia	277	5	220	5	57	...
Oshawa	534	5	334	4	200	1
Ottawa	2,983	12	2,373	11	610	1
Owen Sound	326	4	194	4	132	...
Pembroke	258	2	124	2	134	...
Peterborough	628	2	527	...	101	2
Port Arthur	566	4	531	3	35	1
Port Colborne	86	...	...	...	86	...
Preston	65	...	...	...	65	...
Renfrew	157	1	109	1	48	...
Riverside	59	...	...	...	59	...
St. Catharines	571	2	390	1	181	1
St. Thomas	296	2	280	2	16	...
Sarnia	418	2	322	1	96	1
Sault Ste. Marie	522	3	294	3	228	...
Simcoe	286	1	237	1	49	...
Smiths Falls	143	1	115	...	28	1
Stratford	370	2	306	1	64	1
Sudbury	1,165	5	678	5	487	...
Swansea	8	...	...	...	8	...
Timmins	812	4	224	4	588	...
Toronto	9,942	60	7,780	55	2,162	5
Trenton	154	...	...	...	154	...
Waterloo	62	...	2	...	60	...
Welland	310	3	191	2	119	1
Weston	122	1	1	...	121	1
Whitby	29	1	3	1	26	...
Windsor	2,012	19	1,132	17	880	2
Woodstock	273	1	219	1	54	...
Total cities, towns and villages of 5,000 and over	36,594	225	26,099	203	10,495	22
Remainder of Province	25,051	94	4,725	44	20,326	50
Grand total	61,645	319	30,824	247	30,821	72

DEATHS OF WOMEN NOT CLASSIFIED TO PREGNANCY OR CHILD-BEARING BUT RETURNED AS ASSOCIATED THEREWITH, ONTARIO, 1937

Int. List No.	Causes of Death	Number
7	Measles	1
11	Influenza	16
23	Tuberculosis of the respiratory system	5
34	Syphilis	3
44c	Other infectious or parasitic diseases	1
46g	Cancer of the digestive tract and peritoneum	2
49	Cancer of other female genital organs	1
50	Cancer of the breast	2
54b	Non-malignant tumours of the uterus	2
54d	Non-malignant tumours of the brain	1
56	Acute rheumatic fever	1
59	Diabetes mellitus	1
66d	Exophthalmic goitre	2
71a	Pernicious anaemia	1
89a	Otitis	1
92a	Endocarditis, specified as chronic and other valvular diseases	2
93c	Chronic myocarditis and myocardial degeneration	1
94b	Embolism and thrombosis of the coronary arteries	1
107a	Bronchopneumonia	1
108	Lobar pneumonia	17
114c	Other diseases of the respiratory system (tuberculosis excepted)	1
120a	Diarrhoea and enteritis (2 years and over)	1
121	Appendicitis	3
122b	Intestinal obstruction	1
125a	Yellow atrophy of the liver	2
126	Biliary calculi	1
163–171	Suicides	2
173–175	Homicides	5
	Total	78

SPECIAL CLASSES OF ACCIDENTAL DEATHS

(Included also under the number of the International List.)

Int. List No.	Causes of Death	Male	Female
	A.—Accidents in mines and quarries	40	..
182	Accidental mechanical suffocation	1	..
186	Accidental injury by fall, crushing or landslide	30	..
194	Other accidents	9	..
	B.—Accidents caused by machines	54	1
181	Accidental burns (conflagration excepted)	1	..
182	Accidental mechanical suffocation	1	..
185	Accidental injury by cutting or piercing instruments	4	..
186	Accidental injury by fall, crushing or landslide	43	1
194	Other accidents	5	..
	C.—Railway accidents	83	10
180	Conflagration	1	..
186	Accidental injury by fall, crushing or landslide	82	10
	D.—Street-car accidents	5	5
186	Accidental injury by fall, crushing or landslide	5	5
	E.—Automobile and motorcycle accidents	566	208
178	Accidental absorption of toxic gases	9	..
180	Conflagration	5	..
181	Accidental burns (conflagration excepted)	1	..
183	Accidental drowning	9	4
185	Accidental injury by cutting or piercing instruments	...	2
186	Accidental injury by fall, crushing or landslide	540	202
193	Accidents due to electric currents	1	..
194	Other accidents	1	..
	F.—Other land transportation	31	5
182	Accidental mechanical suffocation	...	1
183	Accidental drowning	9	..
186	Accidental injury by fall, crushing or landslide	21	4
194	Other accidents	1	..
	G.—Water transportation	64	6
181	Accidental burns (conflagration excepted)	1	..
183	Accidental drowning	60	6
186	Accidental injury by fall, crushing or landslide	2	..
194	Other accidents	1	..
	H.—Air transportation	15	..
183	Accidental drowning	4	..
186	Accidental injury by fall, crushing or landslide	11	..

VIOLENT OR ACCIDENTAL DEATHS (Excluding Suicides)

RATES PER 100,000 OF POPULATION

	1928		1929		1930		1931		1932		1933		1934		1935		1936		1937	
Automobiles	437	13.3	556	16.18	517	15.29	574	16.72	497	14.30	416	11.80	528	14.81	571	15.87	564	15.28	774	20.85
Burns	143	4.38	124	3.72	117	3.46	117	3.41	124	3.56	114	3.23	115	3.22	109	3.03	113	3.06	103	2.77
Drowning	373	11.36	302	9.06	341	10.08	369	10.75	361	10.38	314	8.91	271	7.68	269	7.47	230	6.23	305	8.21
Falls	325	9.91	384	11.52	450	13.31	...	...	...	...	...	...	...	...	...	....	...	...	...	...
Fractures	191	5.82	93	2.84	63	1.86	...	...	...	...	...	...	...	...	...	....	...	...	...	...
Railroads	168	5.12	159	4.77	163	4.82	105	3.06	97	2.79	86	2.44	91	2.55	83	2.30	97	2.62	93	2.50
Other Accidents*	716	22.1	768	23.0	719	21.22	1228	35.78	1069	30.75	982	27.86	1170	32.83	1273	35.39	1872	50.73	1210	32.59

*Revised.

SUICIDES

In 1937 there were 366 suicides. The rate per 100,000 of population was 9.8, just 0.9 less than for 1936.

Of these, 271 or 74.04 were males and 95 or 25.95 females.

	Total		Under 20		20-39		40-59		60 and over	
	No.	%	No.	%	No.	%	No.	%	No.	%
Males....	271	100	7	2.58	84	30.99	117	43.17	63	22.87
Females..	95	100	4	4.21	33	34.73	38	39.99	20	21.05
Total ..	366	100	11	3.00	117	31.96	125	42.34	82	22.40

Method of suicide over a ten-year period is shown in the following table:

	Total	Rate	Poison	Gas	Hanging	Drowning	Shooting	Cutting	Jumping	Crushing	Others
1927	318	10.0	77	28	71	56	45	31	6	1	5
1928	285	8.7	61	25	78	33	55	22	4	2	2
1929	320	9.6	68	25	74	60	53	21	7	5	2
1930	404	11.9	02	38	90	50	70	33	12	4	2
1931	426	12.4	03	33	95	68	74	24	13	3	3
1932	423	12.2	192	53	74	66	92	29	23	4	....
1933	366	10.3	186	41	88	38	68	29	12	1	3
1934	360	10.1	90	31	61	55	71	32	11	4	5
1935	367	10.2	73	41	82	43	63	27	27	5	6
1936	398	10.7	68	33	90	65	79	25	23	6	9
1937	366	19.4	71	36	75	53	72	26	23	3	7

Table 1—General Summary of Births, Deaths and Marriages in the Province of Ontario by County Municipalities (including Cities, Towns, and Villages), 1937

COUNTIES	Estimated population	BIRTHS (exclusive of stillbirths)			Ratio per 1,000 of population	DEATHS									Ratio per 1,000 of population	Stillbirths	Marriages	Ratio per 1,000 of population
						All ages			Under 1 year		1-4 years		5 years and over					
		Total	M	F		Total	M	F	M	F	M	F	M	F				
Total	3,711,000	61,645	31,655	29,990	16.6	38,475	20,690	17,785	1,902	1,480	466	406	18,322	15,899	10.4	1,988	29,893	8.1
Addington	7422	129	64	65	17.3	69	42	27	1	3	1	2	40	22	9.2	1	32	4.3
Algoma	50098	901	466	435	17.9	492	293	199	42	31	13	5	238	163	9.8	23	415	8.2
Brant	57892	899	471	428	15.5	633	330	303	16	26	7	6	307	271	10.9	32	484	8.3
Bruce	45645	756	373	383	16.5	547	281	266	22	22	7	3	252	241	11.9	25	281	6.1
Carleton	184066	3425	1705	1720	18.6	2197	1114	1083	146	149	26	30	942	904	11.9	106	1471	7.9
Cochrane	62716	2102	1063	1039	33.5	590	368	222	117	65	27	25	224	132	9.4	65	723	11.5
Dufferin	15957	249	125	124	15.6	175	90	85	11	7	3	1	76	77	10.9	7	100	6.2
Dundas	17442	275	137	138	15.7	193	102	91	13	11	2	1	87	79	11.0	10	98	5.6
Durham	27833	353	182	171	12.6	314	169	145	10	3	1	...	158	142	11.2	12	172	6.1
Elgin	47130	597	311	286	12.6	568	302	266	17	8	3	...	282	258	12.0	21	352	7.4
Essex	172933	3009	1529	1480	17.4	1397	735	662	67	68	21	23	647	571	8.0	79	1389	8.0
Frontenac	49356	951	493	458	19.2	712	405	307	24	20	7	8	374	279	14.4	27	394	7.9
Glengarry	20039	300	160	140	14.9	230	107	123	18	12	4	5	85	106	11.4	7	116	5.7
Grenville	17813	178	93	85	9.9	190	95	95	7	5	1	...	87	90	10.6	8	128	7.1
Grey	62345	956	503	453	15.3	718	366	352	21	22	5	6	340	324	11.5	47	406	6.5
Haldimand	23008	299	169	130	12.9	241	121	120	7	6	1	4	113	110	10.4	6	135	5.8
Haliburton	6309	133	62	71	21.0	61	32	29	6	5	...	1	26	23	9.6	4	44	6.9
Halton	28575	262	142	120	9.1	213	108	105	8	7	1	1	99	97	7.4	7	192	6.7
Hastings	63829	1219	640	579	19.0	673	386	287	56	23	11	5	319	259	10.5	46	526	8.2
Huron	48985	687	325	362	14.0	624	304	320	17	20	2	2	285	298	12.7	21	299	6.1
Kenora	23750	485	249	236	20.4	246	148	98	23	12	8	10	117	76	10.3	17	196	8.2
Kent	67911	1237	622	615	18.2	719	398	321	36	22	9	9	353	290	7.6	33	541	7.9
Lambton	59005	944	466	478	15.9	651	351	300	37	16	9	7	305	277	11.0	26	384	6.5
Lanark	35626	542	280	262	15.2	399	215	184	10	7	4	6	201	171	11.2	18	244	6.8
Leeds	38223	646	333	313	16.9	548	297	251	20	5	5	1	272	245	14.3	18	251	6.5
Lennox	12989	135	77	58	10.4	86	36	50	2	...	...	2	34	48	6.6	3	93	7.1
Lincoln	58634	873	423	450	14.8	579	321	258	20	14	7	3	294	241	9.8	26	468	7.9
Manitoulin	11504	266	126	140	23.1	137	73	64	11	10	6	8	56	46	11.9	13	86	7.4
Middlesex	128030	1902	990	912	14.8	1694	889	805	40	37	8	14	841	754	13.2	62	1038	8.1
Muskoka	22637	365	197	168	16.1	265	147	118	7	7	4	3	136	108	11.7	13	181	7.9
Nipissing	44532	1145	607	538	25.7	441	248	193	52	48	11	12	185	133	9.9	46	396	8.8
Norfolk	33770	642	332	310	19.0	358	186	172	14	15	3	3	169	154	10.6	27	268	7.9
Northumberland	34141	429	227	202	12.5	395	186	209	10	6	4	4	172	199	11.5	24	203	5.9
Ontario	64571	897	455	442	13.8	681	343	338	32	26	6	8	305	304	10.5	43	414	6.4
Oxford	51583	849	444	405	16.4	643	347	296	26	22	3	5	318	269	12.4	26	389	7.5
Parry Sound	27833	616	313	303	22.1	231	130	101	17	16	2	2	111	83	8.2	20	212	7.6
Peel	30430	347	169	178	11.4	267	150	117	11	5	...	2	139	110	8.7	7	184	6.0
Perth	55665	753	378	375	13.5	597	322	275	24	18	8	5	290	252	10.7	22	352	6.3
Peterborough	47501	820	404	416	17.2	528	286	242	18	21	2	4	266	217	11.1	38	389	8.1
Prescott	26719	627	321	306	23.4	291	151	140	39	36	4	8	108	96	10.8	11	197	7.3
Prince Edward	17813	244	124	120	14.6	238	116	122	9	10	1	1	106	111	13.3	6	116	6.5
Rainy River	18926	405	205	200	21.4	175	120	55	12	5	5	1	103	49	9.2	10	110	5.8
Renfrew	56407	1046	532	514	18.5	569	324	245	46	25	15	9	263	211	10.0	37	372	6.5
Russell	20039	412	212	200	20.5	149	68	81	16	21	...	2	52	58	7.4	12	125	6.2
Simcoe	90548	1479	733	746	16.3	1044	572	472	45	39	11	5	516	428	11.5	53	645	7.1
Stormont	35255	1008	517	491	28.5	482	260	222	43	33	13	7	204	182	13.6	33	278	7.8
Sudbury	63087	2240	1152	1088	35.5	651	412	239	92	71	23	16	297	152	10.3	60	754	11.9
Thunder Bay	70509	1286	651	635	18.2	562	363	199	28	20	6	8	329	171	7.9	27	601	8.5
Timiskaming	40079	1266	649	617	31.5	403	232	171	48	42	9	13	175	116	10.0	33	545	13.6
Victoria	27833	450	231	219	16.1	309	177	132	7	8	1	6	169	118	11.1	15	198	7.1
Waterloo	97228	1524	797	727	15.6	927	490	437	36	22	10	7	444	408	9.5	47	816	8.3
Welland	89435	1334	704	630	14.9	756	421	335	39	20	11	10	371	305	8.4	35	697	7.7
Wellington	62716	974	513	461	15.5	684	357	327	29	15	2	5	326	307	10.9	40	418	6.6
Wentworth	205589	2979	1577	1402	14.4	2112	1125	987	62	53	14	9	1049	925	10.2	109	1780	8.6
York	926637	12761	6615	6146	13.7	8800	4670	4130	313	239	98	60	4259	3831	9.4	421	8176	8.8
District of Patricia	4452	37	17	20	8.3	21	9	12	2	1	1	3	6	8	4.7	3	19	4.2

Table 2—Number of Births, Deaths and Marriages, and the ratio per 1,000 of population in each County (excluding Cities, Towns, and Villages of 5,000 population and over), Ontario, 1937

COUNTIES	Estimated population	BIRTHS (exclusive of stillbirths)			Ratio per 1,000 of population	DEATHS									Ratio per 1,000 of population	Stillbirths	Marriages	Ratio per 1,000 of population
						All ages			Under 1 year		1-4 years		5 years and over					
		Total	M	F		Total	M	F	M	F	M	F	M	F				
Total, including all municipalities	3,711,000	61,645	31,655	29,990	16.6	38,475	20,690	17,785	1,902	1,480	466	406	18,322	15,899	10.4	1,988	29,893	8.1
Total, excluding cities, towns and villages of 5,000 and over..	1,878,852	25,051	12,871	12,180	13.3	16,758	9,213	7,545	864	585	198	168	8,151	6,792	8.9	761	10,255	5.4
Addington	7422	129	64	65	17.3	69	42	27	1	3	1	2	40	22	9.2	1	32	4.3
Algoma	26471	379	199	180	14.3	230	143	87	20	13	10	4	113	70	8.6	13	148	5.9
Brant	26453	293	154	139	11.0	240	125	115	6	5	2	3	117	107	9.0	8	128	4.8
Bruce	45645	756	373	383	16.5	547	281	266	22	22	7	3	252	241	11.9	25	281	6.1
Carleton	33910	276	137	139	8.1	285	147	138	13	11	3	5	131	122	8.4	12	189	5.5
Cochrane	41847	1290	637	653	30.8	371	227	144	66	42	19	13	142	89	8.8	35	382	9.1
Dufferin	15957	249	125	124	15.6	175	90	85	11	7	3	1	76	77	10.9	7	100	6.2
Dundas	17442	275	137	138	15.7	193	102	91	13	11	2	1	87	79	11.0	10	98	5.6
Durham	27833	353	182	171	12.6	314	169	145	10	3	1	...	158	142	12.2	12	172	6.1
Elgin	30882	301	154	147	9.7	300	163	137	8	7	2	...	153	130	9.7	9	197	6.3
Essex	59588	749	407	342	12.5	325	177	148	11	13	5	2	161	133	5.4	16	259	4.3
Frontenac	24984	227	113	114	9.0	239	156	83	8	2	1	1	147	80	9.5	6	98	3.9
Glengarry	20039	300	160	140	14.9	230	107	123	18	12	4	5	85	106	11.4	7	116	5.7
Grenville	17813	178	93	85	9.9	190	95	95	7	5	1	...	87	90	10.6	8	128	7.1
Grey	49227	630	331	299	12.7	512	265	247	15	11	3	3	247	233	10.4	33	259	5.2
Haldimand	23008	299	169	130	12.9	241	121	120	7	6	1	4	113	110	10.4	6	135	5.8
Haliburton	6309	133	62	71	21.0	61	32	29	6	5	...	1	26	23	9.6	4	44	6.9
Halton	28575	262	142	120	9.1	213	108	105	8	7	1	1	99	97	7.4	7	192	6.7
Hastings	42587	684	375	309	16.0	379	221	158	39	13	5	2	177	143	8.9	23	257	6.0
Huron	48985	687	325	362	14.0	624	304	320	17	20	2	2	285	298	12.7	21	299	6.1
Kenora	15329	248	121	127	16.1	149	88	61	12	6	7	9	69	46	9.7	6	111	7.2
Kent	51485	564	297	267	10.9	401	225	176	20	9	6	2	199	165	7.7	9	334	6.4
Lambton	40850	526	259	267	13.8	415	223	192	21	10	3	5	199	177	10.1	14	212	5.1
Lanark	28003	399	211	188	14.2	289	160	129	7	5	3	4	150	120	10.3	15	172	6.1
Leeds	28240	372	192	180	13.1	355	199	156	15	3	2	...	182	153	12.5	7	145	5.1
Lennox	12989	135	77	58	10.4	86	36	50	2	...	...	2	34	48	6.6	3	93	7.1
Lincoln	31214	302	150	152	9.6	257	142	115	8	7	3	...	131	108	8.2	9	189	6.0
Manitoulin	11504	266	126	140	23.1	137	73	64	11	10	6	8	56	46	11.9	13	86	7.4
Middlesex	51606	430	221	209	8.3	613	357	256	14	9	2	1	341	246	11.8	16	242	4.6
Muskoka	22637	365	197	168	16.1	265	147	118	7	7	4	3	136	108	11.7	13	181	7.9
Nipissing	29180	760	406	354	26.0	253	147	106	40	33	8	10	99	63	8.6	24	213	7.2
Norfolk	27944	356	176	180	12.7	235	127	108	10	7	1	1	116	100	8.4	15	172	6.1
Northumberland	28399	292	152	140	10.2	274	136	138	9	4	2	3	125	131	9.6	11	153	5.3
Ontario	34398	334	167	167	9.7	295	154	141	16	9	...	2	138	130	8.5	11	134	3.8
Oxford	35024	452	238	214	12.9	372	201	171	14	10	1	2	186	159	10.6	12	201	5.8
Parry Sound	27833	616	313	303	22.1	231	130	101	17	16	2	2	111	83	8.2	20	212	7.6
Peel	24792	182	90	92	7.3	187	98	89	6	4	...	1	92	84	7.5	3	132	5.0
Perth	38281	383	184	199	10.1	375	221	154	16	8	6	1	199	145	9.7	12	213	5.5
Peterborough	23882	192	89	103	8.0	167	95	72	7	5	1	1	87	66	6.9	5	98	4.1
Prescott	20807	441	231	210	21.2	207	106	101	28	22	4	5	74	74	9.9	8	147	7.0
Prince Edward	17813	244	124	120	13.6	238	116	122	9	10	1	1	106	111	13.3	6	116	6.5
Rainy River	13213	267	136	131	20.2	123	82	41	4	1	4	1	74	39	9.3	4	49	3.7
Renfrew	40721	631	333	298	15.4	322	174	148	28	11	6	5	140	132	8.9	16	234	5.7
Russell	20039	412	212	200	20.0	149	68	81	16	21	...	2	52	58	7.4	12	125	6.2
Simcoe	61521	654	327	327	10.6	568	311	257	27	15	7	5	277	237	9.2	23	331	5.3
Stormont	22394	427	215	212	19.0	213	110	103	15	9	4	4	91	90	9.5	8	50	2.2
Sudbury	36772	1075	553	522	29.2	338	221	117	49	34	13	8	159	75	9.1	34	255	6.9
Thunder Bay	25433	217	107	110	8.5	116	90	26	11	3	...	2	79	21	4.5	3	54	2.1
Timiskaming	19079	652	340	312	34.1	270	163	107	28	17	6	6	129	84	14.1	23	268	13.9
Victoria	20682	194	100	94	9.3	171	96	75	2	3	...	4	94	68	8.2	2	103	4.9
Waterloo	35153	369	187	182	10.4	280	156	124	11	5	2	1	143	118	7.9	14	211	6.0
Welland	47659	439	226	213	9.2	275	160	115	11	10	6	4	143	101	5.7	10	206	5.4
Wellington	41158	678	369	309	16.4	448	249	199	20	11	2	2	227	186	10.8	28	191	4.6
Wentworth	51537	211	108	103	4.0	471	266	205	6	3	1	1	259	201	9.1	8	202	3.9
York	241852	2479	1281	1198	10.2	1454	802	652	39	29	11	4	752	619	6.0	78	887	3.6
District of Patricia	4452	37	17	20	8.3	21	9	12	2	1	1	3	6	8	4.7	3	19	4.2

Table 3—General Summary of Births, Deaths and Marriages in the Province of Ontario for Cities, Towns, and Villages of 10,000 Population and Over, 1937

CITIES, TOWNS, AND VILLAGES	Estimated Population	BIRTHS (exclusive of stillbirths)			Ratio per 1,000 of population	DEATHS									Ratio per 1,000 of population	Stillbirths	Marriages	Ratio per 1,000 of population
						All ages			Under 1 year		1-4 years		5 years and over					
		Total	M	F		Total	M	F	M	F	M	F	M	F				
Total	1,647,783	32,430	16,694	15,736	19.6	19,298	10,192	9,106	926	795	247	215	9,019	8,096	11.7	1,075	17,796	10.8
Belleville	14764	381	185	196	25.8	235	129	106	11	7	4	3	114	96	15.9	19	194	13.1
Brantford	31439	606	317	289	19.2	393	205	188	10	21	5	3	190	164	12.5	24	356	11.3
Chatham	16426	673	325	348	40.9	318	173	145	16	13	3	7	154	125	19.9	24	207	12.6
Cornwall	12861	581	302	279	45.1	269	150	119	28	24	9	3	113	92	20.9	25	228	17.7
Forest Hill	10208	7	4	3	6.8	42	22	20	...	1	1	...	21	19	41.1	...	6	5.8
Fort William	24352	503	246	257	20.6	225	135	90	6	8	...	3	129	79	9.2	13	288	11.8
Galt	14410	295	155	140	20.4	169	82	87	4	3	2	3	76	81	11.7	7	119	8.2
Guelph	21558	296	144	152	13.7	236	108	128	9	4	...	3	99	121	10.9	12	227	10.5
Hamilton	154052	2768	1469	1299	17.9	1641	859	782	56	50	13	8	790	724	10.6	101	1578	10.2
Kingston	24372	724	380	344	29.7	473	249	224	16	18	6	7	227	199	19.4	21	296	12.1
Kirkland Lake*	21000	614	309	305	29.2	133	69	64	20	25	3	7	46	32	6.3	10	277	13.1
Kitchener	32825	733	383	350	22.3	391	213	178	20	14	6	3	187	161	11.9	23	340	10.3
London	76424	1472	769	703	19.2	1081	532	549	26	28	6	13	500	508	14.1	46	796	10.4
Niagara Falls	18747	406	216	190	21.6	209	105	104	11	3	1	2	93	99	11.1	9	206	10.9
North Bay	15352	385	201	184	25.0	188	101	87	12	15	3	2	86	70	12.2	22	183	11.9
Oshawa	24844	534	274	260	21.4	236	123	113	14	17	6	6	103	90	9.5	32	224	9.0
Ottawa	142852	2983	1492	1491	20.8	1870	950	920	127	128	23	24	800	768	13.0	90	1233	8.6
Owen Sound	13118	326	172	154	24.8	206	101	105	6	11	2	3	93	91	15.7	14	147	11.2
Pembroke	10364	258	118	140	24.9	168	107	61	15	10	7	2	85	49	16.2	18	93	8.9
Peterborough	23619	628	315	313	26.5	361	191	170	11	16	1	3	179	151	15.2	33	291	12.2
Port Arthur	20724	566	298	268	27.3	221	138	83	11	9	6	3	121	71	10.6	11	259	12.4
St. Catharines	27420	571	273	298	20.8	322	179	143	12	7	4	3	163	133	11.7	17	279	10.1
St. Thomas	16248	296	157	139	18.2	268	139	129	9	1	1	...	129	128	16.5	12	155	9.5
Sarnia	18155	418	207	211	23.0	236	128	108	16	6	6	2	106	100	13.0	12	172	9.4
Sault Ste. Marie	23627	522	267	255	22.0	262	150	112	22	18	3	1	125	93	11.0	10	267	11.3
Stratford	17384	370	194	176	21.2	222	101	121	8	10	2	4	91	107	12.7	10	139	7.9
Sudbury	26315	1165	599	566	44.2	313	191	122	43	37	10	8	138	77	11.8	26	499	18.9
Timmins	20869	812	426	386	38.9	219	141	78	51	23	8	12	82	43	10.4	30	341	16.3
Toronto	648309	9942	5170	4772	15.3	7049	3719	3330	268	204	86	54	3365	3072	10.8	333	7096	10.9
Welland	10924	310	171	139	28.3	172	100	72	12	3	3	2	85	67	15.7	9	135	12.3
Windsor	102839	2012	1012	1000	19.5	979	504	475	51	52	15	19	438	404	9.5	51	1042	10.1
Woodstock	11382	273	144	129	23.9	191	98	93	5	9	2	2	91	82	16.7	11	123	10.8

*Includes all marriages of Teck Township.

Table 4—General Summary of Births, Deaths and Marriages for Towns and Villages of 5,000 to 10,000 Population, in the Province of Ontario, 1937

TOWNS AND VILLAGES 5,000 to 10,000 population	Estimated Population	BIRTHS (exclusive of stillbirths)			Ratio per 1,000 of population	DEATHS									Ratio per 1,000 of population	Stillbirths	Marriages	Ratio per 1,000 of population
						All ages			Under 1 year		1-4 years		5 years and over					
		Total	M	F		Total	M	F	M	F	M	F	M	F				
Total	184,365	4,164	2,090	2,074	22.5	2,419	1,285	1,134	112	100	21	23	1,152	1,011	13.1	152	1,842	9.9
Barrie	8135	210	91	119	25.8	118	60	58	1	4	...	...	59	54	14.5	4	103	12.6
Brampton	5638	165	79	86	29.2	80	52	28	5	1	...	1	47	26	14.1	4	52	9.2
Brockville	9983	274	141	133	27.4	193	98	95	5	2	3	1	90	92	19.3	11	106	10.6
Cobourg	5742	137	75	62	23.8	121	50	71	1	2	2	1	47	68	21.0	13	50	8.7
Collingwood	5498	152	85	67	27.6	102	56	46	1	3	...	...	55	43	18.5	1	47	8.5
Eastview	7304	166	76	90	22.7	42	17	25	6	10	...	1	11	14	5.7	4	49	6.7
Fort Erie	5757	93	46	47	16.1	62	31	31	3	2	1	1	27	28	10.7	5	70	12.1
Fort Frances	5713	138	69	69	24.1	52	38	14	8	4	1	...	29	10	9.1	6	61	10.6
Hawkesbury	5912	186	90	96	31.4	84	45	39	11	14	...	3	34	22	14.2	3	50	8.4
Ingersoll	5177	124	62	62	23.9	80	48	32	7	3	...	1	41	28	15.4	3	65	12.5
Kenora	8421	237	128	109	28.1	97	60	37	11	6	1	1	48	30	11.5	11	85	10.0
Leamington	5446	189	84	105	34.7	72	42	30	4	3	1	2	37	25	13.2	11	67	12.3
Lindsay	7151	256	131	125	35.7	138	81	57	5	5	1	2	75	50	19.2	13	95	13.2
Midland	6690	186	94	92	27.7	112	58	54	8	7	2	...	48	47	16.7	8	48	7.1
Mimico	6938	129	58	71	18.5	29	15	14	2	1	...	...	13	13	4.1	9	44	6.3
New Toronto	8457	74	35	39	8.7	162	89	73	3	1	...	2	86	70	19.1	...	59	6.9
Orillia	8704	277	136	141	31.8	144	87	57	8	10	2	...	77	47	16.5	17	116	13.3
Port Colborne	6348	86	45	41	13.5	38	25	13	2	2	...	1	23	10	5.9	2	80	12.6
Preston	6415	65	36	29	10.1	42	19	23	1	...	...	...	18	23	6.5	2	44	6.8
Renfrew	5322	157	81	76	29.4	79	43	36	3	4	2	2	38	30	14.8	3	45	8.4
Riverside	5060	59	26	33	11.6	21	12	9	1	...	...	...	11	9	4.1	1	21	4.1
Simcoe	5826	286	156	130	49.0	123	59	64	4	8	2	2	53	54	21.1	12	96	16.4
Smiths Falls	7623	143	69	74	18.7	110	55	55	3	2	1	2	51	51	14.4	3	72	9.4
Swansea	5831	8	6	2	1.3	32	11	21	1	...	...	...	10	21	5.4	...	39	6.6
Trenton	6478	154	80	74	23.7	59	36	23	6	3	2	...	28	20	9.1	4	75	11.5
Waterloo	8425	62	36	26	7.3	45	20	25	...	...	...	...	20	25	5.3	1	102	12.0
Weston	5042	122	61	61	24.1	32	12	20	...	3	...	...	12	17	6.3	1	45	8.9
Whitby	5329	29	14	15	5.4	150	66	84	2	...	...	...	64	84	28.1	...	56	10.5

Table 5—General Summary of Births, Deaths and Marriages in the Province of Ontario for Towns and Villages of 1,000 Population and under 5,000—1937

Towns and Villages 1,000 and over and under 5,000	Estimated population	BIRTHS (exclusive of stillbirths)			Ratio per 1,000	DEATHS									Ratio per 1,000	Still-births	Marriages	Ratio per 1,000
						All ages			Under 1 year		1-4 years		5 years and over					
		Total	M	F		Total	M	F	M	F	M	F	M	F				
Total	**294325**	**6377**	**3301**	**3076**	**21.6**	**3876**	**2051**	**1825**	**198**	**141**	**41**	**44**	**1812**	**1640**	**13.1**	**229**	**3475**	**11.8**
Acton	1916	32	16	16	12.0	15	6	9	...	1	...	...	6	8	7.8	1	12	6.2
Alexandria	1919	42	20	22	21.8	30	11	19	3	3	...	...	8	16	15.6	...	32	16.6
Alliston	1367	82	46	36	59.9	48	29	19	3	1	1	...	25	18	35.1	5	9	6.5
Almonte	2362	98	52	46	41.4	34	16	18	2	1	...	1	14	16	14.3	2	27	11.4
Amherstburg	2857	36	17	19	12.6	23	15	8	2	1	...	...	13	7	8.0	3	40	14.0
Arnprior	4133	68	36	32	16.4	40	16	24	3	1	...	...	13	23	9.6	2	45	10.8
Arthur	1035	8	7	1	7.7	9	5	4	...	...	...	...	5	4	8.6	...	17	16.4
Aurora	2752	14	11	3	5.0	19	9	10	...	2	...	...	9	8	6.9	...	36	13.0
Aylmer	1998	28	10	18	14.0	31	14	17	1	...	...	...	13	17	15.5	1	34	17.0
Barry's Bay	1051	29	15	14	27.5	7	3	4	1	1	...	...	2	3	6.6	...	13	12.3
Beamsville	1121	24	12	12	21.4	13	5	8	...	...	1	...	4	8	11.5	...	16	14.2
Blenheim	4741	24	13	11	5.0	23	13	10	1	...	...	1	12	9	4.8	...	25	5.2
Blind River	2621	76	40	36	28.9	23	9	14	4	4	...	1	5	9	8.7	2	21	8.0
Bowmanville	3650	115	62	53	31.4	69	40	29	3	...	1	...	36	29	18.9	8	35	9.5
Bracebridge	2493	84	50	34	33.6	49	26	23	3	2	...	...	23	21	19.6	3	56	22.4
Brighton	1366	17	13	4	12.4	15	8	7	...	...	...	...	8	7	10.9	...	26	19.0
Burlington	3679	19	10	9	5.1	27	17	10	1	...	...	...	16	10	7.3	...	34	9.2
Caledonia	1410	7	4	3	4.9	19	9	10	1	...	...	...	8	10	13.4	1	18	12.7
Campbellford	2923	51	28	23	17.4	41	20	21	4	1	...	2	16	18	14.0	6	34	11.6
Capreol	1730	27	16	11	15.6	11	8	3	2	2	1	...	5	1	6.3	1	18	10.4
Cardinal	1529	32	21	11	20.9	21	13	8	1	1	...	...	12	7	13.7	...	21	13.7
Carleton Place	4278	39	16	23	9.1	52	26	26	1	1	...	...	25	25	12.1	2	37	8.6
Chesley	1766	37	17	20	20.9	19	11	8	1	...	...	...	10	8	10.7	2	20	11.3
Chesterville	1068	16	6	10	14.9	3	....	3	...	1	...	...	....	2	2.8	1	16	14.9
Chippawa	1186	9	4	5	7.5	7	3	4	...	...	...	...	3	4	5.9	...	5	4.2
Clinton	1901	79	30	49	41.5	47	21	26	...	3	...	...	21	23	24.7	2	26	13.6
Cobalt	3022	63	36	27	20.8	31	22	9	2	1	...	...	20	8	10.2	2	39	12.9
Cochrane	3053	119	69	50	38.9	47	25	22	3	4	2	1	20	17	15.3	3	47	15.3
Coniston	2069	44	21	23	21.2	7	5	2	...	1	1	...	4	1	3.3	2	23	13.0
Copper Cliff	3780	52	27	25	13.7	25	19	6	2	1	2	1	15	4	6.6	1	58	15.3
Delhi	1677	14	7	7	8.3	13	7	6	2	1	...	...	5	5	7.7	...	30	17.8
Deseronto	1286	10	4	6	7.7	18	8	10	...	...	...	...	8	10	13.9	1	10	7.7
Dresden	1477	23	11	12	15.5	21	9	12	1	1	...	...	8	11	14.2	...	20	13.5
Dryden	1661	93	47	46	55.9	36	16	20	4	2	...	1	12	17	21.6	5	47	28.2
Dundas	4956	26	12	14	5.2	51	26	25	...	2	...	...	26	23	10.2	...	48	9.6
Dunnville	4011	93	57	36	23.1	57	30	27	2	2	...	2	28	23	14.2	2	38	9.4
Durham	1853	48	24	24	25.9	33	15	18	1	...	...	1	14	17	17.8	5	12	6.4
Eganville	1066	18	8	10	16.8	8	1	7	...	...	...	...	1	7	7.5	1	27	25.3
Elmira	2069	14	7	7	6.7	25	14	11	...	...	...	...	14	11	12.0	1	14	6.7
Elora	1149	17	9	8	14.7	9	4	5	1	...	...	...	3	5	7.8	...	10	8.7
Essex	1833	26	18	8	14.1	15	7	8	...	...	...	...	7	8	8.1	2	18	9.8
Exeter	1652	39	18	21	23.6	29	10	19	1	2	...	...	9	17	17.5	...	17	10.2
Fergus	2795	81	47	34	28.9	37	20	17	3	2	1	...	16	15	13.2	...	18	6.4
Forest	1502	19	9	10	12.6	16	7	9	...	...	...	...	7	9	10.6	2	20	13.3
Gananoque	3556	97	49	48	27.2	37	18	19	1	...	...	...	17	19	10.4	2	45	12.6
Georgetown	2347	23	16	7	9.7	16	5	11	...	...	...	1	5	10	6.8	...	14	5.9
Goderich	4488	101	46	55	22.5	99	50	49	4	4	...	...	46	45	22.0	6	27	6.0
Gravehurst	2052	49	22	27	23.8	19	12	7	1	...	...	...	11	7	9.2	2	29	14.1
Grimsby	1965	44	18	26	22.3	19	8	11	1	1	...	...	7	10	9.6	3	37	18.8
Hagersville	1307	32	16	16	24.4	16	9	7	1	1	...	...	8	6	12.2	...	8	6.1
Haileybury	2703	77	34	43	28.4	84	50	34	2	4	3	4	45	26	31.0	7	19	7.0
Hanover	3191	63	34	29	19.7	35	12	23	...	3	...	...	12	20	10.9	5	34	10.6
Harriston	1325	8	4	4	6.0	15	8	7	...	...	...	...	8	7	11.3	1	16	12.0
Havelock	1164	25	13	12	21.4	17	10	7	...	...	...	1	10	6	14.6	...	20	17.1
Hespeler	2847	24	17	7	8.4	26	12	14	...	1	...	...	12	13	9.1	1	75	26.3
Humberstone	2629	55	29	26	20.9	12	6	6	2	...	...	1	4	5	4.5	1	9	3.4
Huntsville	2707	64	40	24	23.6	27	18	9	...	1	2	...	16	8	9.9	5	49	16.6
Iroquois	1050	13	8	5	12.3	11	7	4	1	...	...	...	6	4	10.4	...	7	6.6
Iroquois Falls	1302	54	19	35	41.4	20	13	7	3	1	2	...	8	6	15.3	1	44	33.7
Kapuskasing	3499	137	55	82	39.1	32	19	13	8	4	4	1	7	8	9.1	3	38	10.8
Keewatin	1483	2	1	1	1.3	5	5	....	...	...	...	...	5	....	3.3	...	11	7.4
Kemptville	1204	22	13	9	18.2	16	10	6	...	1	...	...	10	5	13.2	2	8	6.6
Kincardine	2464	6	3	3	2.4	29	17	12	...	2	1	...	16	10	11.7	1	20	8.1
Kingsville	2363	42	21	21	17.7	10	6	4	...	...	...	...	6	4	4.2	...	29	12.2
Lakefield	1286	3	1	2	2.3	16	5	11	...	...	...	...	5	11	12.4	...	20	15.5
Listowell	2872	80	40	40	27.8	44	30	14	2	1	...	...	28	13	15.3	1	35	12.1
Little Current	1115	12	6	6	10.7	13	5	8	1	...	...	...	4	8	11.6	2	17	15.2
Long Branch	4099	39	22	17	9.5	24	10	14	1	2	...	...	9	12	5.8	1	25	6.0
Lucknow	1036	6	3	3	5.7	8	4	4	...	...	...	...	4	4	7.7	...	7	6.7
Madoc	1210	22	11	11	18.1	13	12	1	3	...	...	...	9	1	10.7	...	17	14.0
Markham	1116	19	4	15	17.0	18	9	9	1	2	...	...	8	7	16.1	1	9	8.0
Mattawa	2034	86	48	38	42.2	41	21	20	4	3	...	2	17	15	20.1	3	27	13.2
Meaford	2745	60	29	31	21.8	45	21	24	...	...	...	...	21	24	11.3	1	22	8.0
Merritton	2644	13	7	6	4.9	17	10	7	...	...	1	...	9	7	6.4	...	13	4.9
Milton	1791	31	17	14	17.3	17	9	8	...	1	...	...	9	7	9.4	1	24	13.3
Mitchell	1607	12	8	4	7.4	29	14	15	...	...	...	...	14	15	18.0	1	11	6.8
Morrisburg	1819	29	13	16	15.9	17	6	11	...	1	...	...	6	10	9.3	...	12	6.5
Mount Forest	1964	56	32	24	28.5	41	20	21	2	1	...	...	18	20	20.8	6	15	7.6
Napanee	3018	43	22	21	14.2	38	17	21	1	...	...	1	16	20	12.5	2	47	15.5
New Hamburg	1441	17	8	9	11.7	15	9	6	...	...	1	...	8	6	10.4	2	15	10.4
New Liskeard	2963	55	33	22	18.5	21	8	13	2	...	...	...	6	13	7.0	...	45	15.1
Newmarket	4231	186	99	87	43.9	78	42	36	3	2	...	1	39	33	18.4	6	44	10.3
Niagara	1651	30	20	10	18.1	21	14	7	2	1	...	...	12	6	12.7	...	25	15.1
Norwich	1212	34	18	16	28.0	27	13	14	...	1	...	...	13	13	22.2	2	9	7.4
Oakville	3864	35	13	22	9.0	27	10	17	...	3	1	...	9	14	6.9	...	40	10.3

Table 5—General Summary of Births, Deaths and Marriages in the Province of Ontario for Towns and Villages of 1,000 Population and under 5,000, 1937—Continued

Towns 1,000 and over and under 5,000	Estimated population	BIRTHS (Exclusive of stillbirths)			Ratio per 1,000	DEATHS									Ratio per 1,000	Still-births	Marriages	Ratio per 1,000
						All ages			Under 1 year		1-4 years		5 years and over					
		Total	M	F		Total	M	F	M	F	M	F	M	F				
Orangeville..........	2584	93	45	48	35.9	58	29	29	5	2	1	1	23	26	22.4	4	31	11.9
Palmerston..........	1410	42	24	18	29.7	25	16	9	4	...	...	...	12	9	17.7	1	14	9.9
Paris...............	4325	74	39	35	17.1	42	21	21	...	1	...	...	21	20	9.7	3	56	12.9
Parry Sound........	3569	214	121	93	59.9	61	38	23	7	1	1	1	30	21	17.0	7	53	14.8
Penetanguishene....	4658	113	57	56	24.2	60	30	30	5	4	1	2	24	24	12.8	3	66	14.1
Perth...............	4174	134	71	63	32.0	72	40	32	2	2	1	2	37	28	17.2	5	37	8.8
Petrolia............	2711	108	47	61	39.8	56	30	26	3	3	...	...	27	23	20.6	5	25	9.2
Picton..............	3410	142	71	71	41.6	99	46	53	5	6	1	...	40	47	29.0	6	54	15.8
Point Edward.......	1161	7	2	5	6.0	10	6	4	...	1	...	1	6	2	8.6	1	14	12.0
Port Credit.........	1750	22	7	15	12.5	16	9	7	...	...	...	...	9	7	9.1	...	32	18.2
Port Dalhousie......	1565	7	3	4	4.4	12	5	7	...	...	...	...	5	7	7.6	...	20	12.7
Port Dover.........	1640	30	14	16	18.2	18	7	11	1	...	...	...	6	11	10.9	4	16	9.7
Port Elgin..........	1293	30	16	14	23.2	18	10	8	1	2	...	...	9	6	13.9	1	10	7.7
Port Hope..........	4577	107	53	54	23.3	83	44	39	5	2	...	...	39	37	8.1	1	59	12.8
Port Perry.........	1118	26	8	18	23.2	26	11	15	...	...	...	...	11	15	23.2	2	8	7.1
Prescott............	2850	27	16	11	9.4	21	10	11	1	...	...	...	9	11	7.3	...	44	15.4
Rainy River.........	1294	69	35	34	53.3	18	10	8	...	...	...	...	10	8	13.9	3	18	13.9
Richmond Hill......	1241	18	11	7	14.5	13	8	5	...	...	1	...	7	5	10.4	1	20	16.1
Ridgetown..........	1956	17	8	9	8.6	22	11	11	2	1	1	...	8	10	11.2	...	18	9.2
Rockland...........	2103	51	31	20	24.2	23	10	13	3	4	...	...	7	9	10.9	5	21	9.9
St. Mary's..........	4023	27	13	14	6.7	52	32	20	...	...	...	...	32	20	12.9	...	39	9.6
Seaforth............	1708	77	35	42	45.0	45	22	23	...	3	...	...	22	20	26.3	3	13	7.6
Shelburne...........	1099	24	13	11	21.8	18	11	7	1	...	...	...	10	7	16.3	2	13	11.8
Sioux Lookout.......	1901	66	31	35	34.7	21	15	6	3	...	...	2	12	4	11.0	1	25	13.1
Southampton........	1202	18	9	9	14.9	9	4	5	...	...	...	...	4	5	7.4	1	7	5.8
Stayner.............	1034	18	11	7	17.4	14	4	10	...	...	...	...	4	10	13.5	...	10	9.6
Stouffville..........	1118	51	24	27	45.6	23	11	12	...	...	...	...	11	12	20.5	1	22	19.6
Strathroy...........	2947	113	64	49	38.3	92	57	35	4	1	...	...	53	34	31.2	8	47	15.9
Sturgeon Falls.......	4782	163	97	66	34.0	67	36	31	10	7	2	3	24	21	14.0	4	53	11.0
Tavistock..........	1037	7	1	6	6.7	12	7	5	...	...	...	...	7	5	11.5	...	9	8.6
Tecumseh...........	2245	48	30	18	21.3	17	8	9	1	...	1	1	6	8	7.5	...	22	9.7
Thessalon...........	1624	54	23	31	33.2	28	18	10	1	2	1	...	16	8	17.2	2	22	13.5
Thorold............	4904	62	25	37	12.6	43	29	14	...	...	1	2	28	12	8.7	2	56	11.4
Tilbury.............	1996	18	11	7	9.0	15	8	7	1	1	1	...	6	6	7.5	...	43	21.5
Tillsonburg.........	3828	188	104	84	49.1	79	51	28	9	2	...	1	42	25	20.6	6	68	17.7
Tweed..............	1256	21	12	9	16.7	12	9	3	1	...	...	...	8	3	9.5	...	14	11.1
Uxbridge...........	1529	15	10	5	9.8	23	12	11	1	1	...	...	11	10	15.0	...	15	9.8
Vankleek Hill.......	1302	37	19	18	28.4	36	17	19	5	2	1	2	11	15	27.6	3	31	23.8
Victoria Harbour....	1092	15	7	8	13.7	12	6	6	...	...	...	...	6	6	10.9	...	15	13.7
Walkerton..........	2431	102	49	53	41.9	78	49	29	3	5	1	2	45	22	32.0	4	20	8.2
Wallaceburg.........	4644	66	32	34	14.2	30	14	16	2	...	...	...	12	16	6.4	...	49	10.5
Waterford..........	1238	12	9	3	9.6	10	4	6	...	...	...	...	4	6	8.0	...	11	8.8
Wiarton............	1743	58	29	29	33.2	34	19	15	4	...	1	...	14	15	19.5	...	25	14.3
Winchester.........	1041	18	11	7	17.2	28	15	13	1	1	...	...	14	12	26.8	...	23	22.0
Wingham...........	2085	70	38	32	33.5	37	20	17	2	1	...	1	18	15	17.7	2	20	9.5

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario, 1937

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Ontario	**61645**	**4931**	**4705**	**5471**	**5156**	**5585**	**5436**	**5429**	**5254**	**5338**	**4888**	**4667**	**4785**
Rural	18674	1534	1405	1650	1577	1792	1697	1608	1602	1577	1478	1387	1367
Urban	42971	3397	3300	3821	3579	3793	3739	3821	3652	3761	3410	3280	3418
Addington	129	7	9	13	11	13	11	15	8	5	16	8	13
Rural	129	7	9	13	11	13	11	15	8	5	16	8	13
Algoma	901	68	71	91	80	90	67	71	83	80	56	69	75
Rural	249	22	18	29	24	19	27	15	23	25	16	15	16
Urban	652	46	53	62	56	71	40	56	60	55	40	54	59
Sault Ste. Marie, c	522	35	42	57	47	54	28	43	45	45	32	46	48
Blind River, t	76	5	5	4	4	9	6	9	9	7	4	5	9
Thessalon, t	54	6	6	1	5	8	6	4	6	3	4	3	2
Brant	899	68	68	74	64	85	80	88	68	85	66	77	76
Rural	219	14	17	18	13	23	16	24	16	22	15	22	19
Urban	680	54	51	56	51	62	64	64	52	63	51	55	57
Brantford, c	606	46	45	49	46	53	61	60	45	59	44	48	50
Paris, t	74	8	6	7	5	9	3	4	7	4	7	7	7
Bruce	756	73	57	62	73	78	63	51	53	57	61	66	62
Rural	499	46	39	38	44	60	42	36	31	39	36	46	42
Urban	257	27	18	24	29	18	21	15	22	18	25	20	20
Chesley, t	37	3	1	4	4	5	4	1	5	1	1	4	4
Kincardine, t	6	....	....	2	2	....	1	....	....	....	1	....	....
Southampton, t	18	2	2	....	....	1	3	1	2	2	2	1	2
Walkerton, t	102	14	7	10	11	7	8	2	9	7	11	7	9
Wiarton, t	58	5	4	6	9	4	2	8	3	4	4	6	3
Lucknow, vl	6	1	....	1	....	....	1	....	1	....	....	1	1
Port Elgin, vl	30	2	4	1	3	1	2	3	2	4	6	1	1
Carleton	3425	288	273	292	276	317	317	328	278	286	272	265	233
Rural	276	27	26	20	19	28	36	21	28	23	21	16	11
Urban	3149	261	247	272	257	289	281	307	250	263	251	249	222
Ottawa, c	2983	247	236	258	248	272	265	291	239	250	233	232	212
Eastview, t	166	14	11	14	9	17	16	16	11	13	18	17	10
Cochrane	2102	179	149	185	164	204	198	184	175	175	176	163	150
Rural	980	80	62	97	77	104	91	87	93	77	79	72	61
Urban	1122	99	87	88	87	100	107	97	82	98	97	91	89
Cochrane, t	119	18	17	8	12	10	7	9	6	13	7	6	6
Iroquois Falls, t	54	7	3	9	4	2	5	2	3	2	8	5	4
Kapuskasing, t	137	9	5	12	12	14	15	10	10	10	12	15	13
Timmins, t	812	65	62	59	59	74	80	76	63	73	70	65	66
Dufferin	249	20	9	18	23	22	20	14	27	37	20	13	26
Rural	132	10	6	6	17	9	7	10	15	21	11	9	11
Urban	117	10	3	12	6	13	13	4	12	16	9	4	15
Orangeville, t	93	8	2	9	5	11	12	4	10	11	8	3	10
Shelburne, vl	24	2	1	3	1	2	1	....	2	5	1	1	5
Dundas	275	27	19	25	20	23	21	21	31	23	21	17	27
Rural	199	18	16	17	14	17	17	16	22	15	16	10	21
Urban	76	9	3	8	6	6	4	5	9	8	5	7	6
Chesterville, vl	16	3	1	1	1	1	1	....	3	1	1	1	2
Iroquois, vl	13	3	....	1	3	2	....	1	1	....	....	1	1
Morrisburg, vl	29	2	1	4	2	2	2	4	4	2	1	2	3
Winchester, vl	18	1	1	2	....	1	1	....	1	5	3	3	....
Durham	353	23	35	35	30	35	20	35	28	32	32	32	16
Rural	131	8	15	14	12	15	4	10	11	13	14	12	3
Urban	222	15	20	21	18	20	16	25	17	19	18	20	13
Bowmanville, t	115	10	9	12	4	10	6	12	13	13	5	13	8
Port Hope, t	107	5	11	9	14	10	10	13	4	6	13	7	5
Elgin	597	45	53	58	40	52	37	60	46	63	60	38	45
Rural	273	21	21	26	21	23	14	28	24	36	26	19	14
Urban	324	24	32	32	19	29	23	32	22	27	34	19	31
St. Thomas, c	296	22	30	29	19	28	17	27	19	24	33	18	30
Aylmer, t	28	2	2	3	....	1	6	5	3	3	1	1	1
Essex	3009	229	216	273	267	261	264	226	299	254	235	246	239
Rural	597	52	41	45	51	37	63	48	59	53	52	51	45
Urban	2412	177	175	228	216	224	201	178	240	201	183	195	194
Windsor, c	2012	154	144	185	176	183	170	152	198	167	147	170	166
Amherstburg, t	36	3	1	3	2	6	3	2	2	4	3	4	3
Essex, t	26	1	....	3	2	3	3	2	1	3	5	2	1
Kingsville, t	42	1	3	3	3	5	7	6	5	3	2	....	4
Leamington, t	189	11	15	20	22	21	9	10	27	14	16	11	13
Riverside, t	59	4	7	6	8	3	7	2	4	3	5	6	4
Tecumseh, t	48	3	5	8	3	3	2	4	3	7	5	2	3
Frontenac	951	70	71	91	75	80	96	61	72	98	95	74	68
Rural	227	20	23	20	17	14	16	21	13	19	23	24	17
Urban	724	50	48	71	58	66	80	40	59	79	72	50	51
Kingston, c	724	50	48	71	58	66	80	40	59	79	72	50	51
Glengarry	300	22	20	32	21	37	20	33	30	29	17	12	27
Rural	258	20	14	31	18	29	19	28	25	26	16	8	24
Urban	42	2	6	1	3	8	1	5	5	3	1	4	3
Alexandria, t	42	2	6	1	3	8	1	5	5	3	1	4	3

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario, 1937—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Grenville	178	14	15	12	16	21	16	14	16	14	19	11	10
Rural	97	6	7	5	10	10	7	7	12	7	13	9	4
Urban	81	8	8	7	6	11	9	7	4	7	6	2	6
Prescott, t	27	1	4	5	2	4	4	1	....	2	2	1	1
Cardinal, vl	32	6	2	1	1	4	2	4	3	4	3	....	2
Kemptville, vl	22	1	2	1	3	3	3	2	1	1	1	1	3
Grey	956	68	66	87	84	83	89	96	87	85	79	74	58
Rural	459	32	22	43	39	43	44	52	38	46	35	33	32
Urban	497	36	44	44	45	40	45	44	49	39	44	41	26
Owen Sound, c	326	24	27	26	30	20	31	28	35	26	27	34	18
Durham, t	48	3	3	3	7	3	4	6	3	6	5	2	3
Hanover, t	63	4	7	8	7	10	5	4	6	1	7	2	2
Meaford, t	60	5	7	7	1	7	5	6	5	6	5	3	3
Haldimand	299	18	14	24	23	27	27	22	30	36	25	21	32
Rural	167	7	7	14	13	16	14	11	19	20	13	12	21
Urban	132	11	7	10	10	11	13	11	11	16	12	9	11
Dunnville, t	93	9	6	6	9	6	8	7	8	11	7	6	10
Caledonia, vl	7	....	....	....	1	1	1	1	....	1	2	....	....
Hagersville, vl	32	2	1	4	....	4	4	3	3	4	3	3	1
Haliburton	133	8	10	9	14	16	7	13	10	12	10	11	13
Rural	133	8	10	9	14	16	7	13	10	12	10	11	13
Halton	262	28	18	19	25	25	15	22	15	35	11	23	26
Rural	122	11	7	9	9	15	6	8	7	18	6	10	16
Urban	140	17	11	10	16	10	9	14	8	17	5	13	10
Burlington, t	19	1	1	3	1	1	3	....	1	2	....	4	2
Georgetown, t	23	4	3	1	....	2	1	4	1	....	2	2	3
Milton, t	31	6	....	3	5	1	1	1	5	4	2	2	1
Oakville, t	35	3	4	2	6	3	1	3	....	8	....	3	2
Acton, vl	32	3	3	1	4	3	3	6	1	3	1	2	2
Hastings	1219	100	98	110	103	94	102	109	110	90	115	101	87
Rural	631	49	52	55	53	45	56	57	56	45	65	54	44
Urban	588	51	46	55	50	49	46	52	54	45	50	47	43
Belleville, c	381	38	31	36	26	28	28	35	37	32	38	28	24
Deseronto, t	10	....	1	....	1	2	....	1	3	....	....	....	2
Trenton, t	154	11	12	17	19	15	14	13	10	9	4	15	15
Madoc, vl	22	....	2	....	3	2	2	2	....	2	6	2	1
Tweed, vl	21	2	....	2	1	2	2	1	4	2	2	2	1
Huron	687	42	50	69	58	69	57	63	53	74	55	49	48
Rural	321	23	22	31	34	34	30	24	19	38	22	24	20
Urban	366	19	28	38	24	35	27	39	34	36	33	25	28
Clinton, t	79	4	9	9	3	9	5	6	8	6	9	6	5
Goderich, t	101	5	5	14	6	6	6	14	8	15	7	7	8
Seaforth, t	77	4	7	9	5	12	6	8	6	2	9	4	5
Wingham, t	70	2	4	3	6	6	7	11	8	9	3	5	6
Exeter, vl	39	4	3	3	4	2	3	....	4	4	5	3	4
Kenora	485	46	31	48	36	51	36	40	57	34	35	29	42
Rural	87	14	8	16	10	9	3	4	8	5	4	3	3
Urban	398	32	23	32	26	42	33	36	49	29	31	26	39
Dryden, t	93	5	3	8	6	13	9	6	9	9	7	7	11
Keewatin, t	2	....	....	....	....	....	1	....	....	....	1	....	....
Kenora, t	237	21	19	17	17	27	17	21	29	14	15	17	23
Sioux Lookout, t	66	6	1	7	3	2	6	9	11	6	8	2	5
Kent	1237	100	87	85	92	111	79	120	129	138	89	98	109
Rural	416	35	22	23	36	32	28	39	42	49	35	35	40
Urban	821	65	65	62	56	79	51	81	87	89	54	63	69
Chatham, c	673	51	57	49	43	65	40	69	73	67	41	55	63
Blenheim, t	24	1	3	3	2	1	2	4	3	1	4	....	....
Dresden, t	23	4	....	2	2	1	3	3	2	3	....	2	1
Ridgetown, t	17	....	1	3	1	2	1	1	2	3	1	1	1
Tilbury, t	18	4	1	1	1	2	....	1	....	4	2	1	1
Wallaceburg, t	66	5	3	4	7	8	5	3	7	11	6	4	3
Lambton	944	61	77	86	76	79	82	76	84	72	87	85	79
Rural	392	28	36	29	30	33	41	29	36	25	38	39	28
Urban	552	33	41	57	46	46	41	47	48	47	49	46	51
Sarnia, c	418	24	31	46	38	35	28	35	35	37	40	29	40
Forest, t	19	....	2	2	1	1	1	3	1	1	2	3	2
Petrolia, t	108	9	6	8	7	10	12	9	9	9	7	14	8
Point Edward, vl	7	....	2	1	....	....	....	....	3	....	....	....	1
Lanark	542	37	41	53	39	54	54	54	42	42	40	45	41
Rural	128	8	6	17	8	13	11	12	15	9	9	13	7
Urban	414	29	35	36	31	41	43	42	27	33	31	32	34
Almonte, t	98	7	10	10	8	13	8	7	6	9	11	3	6
Carleton Place, t	39	5	7	6	3	2	4	1	1	2	3	4	1
Perth, t	134	12	7	8	7	10	15	17	10	17	5	13	13
Smiths Falls, t	143	5	11	12	13	16	16	17	10	5	12	12	14
Leeds	646	54	42	52	58	57	57	52	71	51	43	57	52
Rural	275	22	14	21	31	26	23	18	29	27	23	25	16
Urban	371	32	28	31	27	31	34	34	42	24	20	32	36
Brockville, t	274	19	22	26	18	21	27	25	32	18	13	23	30
Gananoque, t	97	13	6	5	9	10	7	9	10	6	7	9	6
Lennox	135	9	14	9	12	12	14	12	11	11	7	14	10
Rural	92	4	11	7	8	7	10	9	8	7	5	10	6
Urban	43	5	3	2	4	5	4	3	3	4	2	4	4
Napanee, t	43	5	3	2	4	5	4	3	3	4	2	4	4

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario, 1937—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Lincoln	873	71	65	70	68	74	72	71	64	77	83	71	87
Rural	184	15	13	17	15	20	14	18	19	10	18	9	16
Urban	689	56	52	53	53	54	58	53	45	67	65	62	71
St. Catharines, c	571	46	43	47	37	44	44	45	38	57	60	51	59
Grimsby, t	44	5	1	2	8	1	4	3	3	5	2	5	5
Merritton, t	13	.....	1	2	1	1	1	.....	2	.....	.....	1	4
Niagara, t	30	1	4	.....	4	5	4	2	2	3	1	2	2
Beamsville, vl	24	3	2	1	2	2	5	3	.....	2	2	2	.....
Port Dalhouse, vl	7	1	1	1	1	1	.....	.....	.....	.....	.....	1	1
Manitoulin	266	27	15	28	25	24	22	18	29	30	16	20	12
Rural	254	27	13	28	24	23	20	17	28	29	14	20	11
Urban	12	.....	2	.....	1	1	2	1	1	1	2	.....	1
Little Current, t	12	.....	2	.....	1	1	2	1	1	1	2	.....	1
Middlesex	1902	147	141	192	158	147	161	165	180	176	154	138	143
Rural	317	22	26	36	20	31	30	25	27	26	26	21	27
Urban	1585	125	115	156	138	116	131	140	153	150	128	117	116
London, c	1472	112	109	143	131	105	120	130	144	140	120	110	108
Strathroy, t	113	13	6	13	7	11	11	10	9	10	8	7	8
Muskoka	365	26	23	31	38	38	43	23	29	22	32	36	24
Rural	168	11	8	14	15	18	23	13	19	8	15	10	14
Urban	197	15	15	17	23	20	20	10	10	14	17	26	10
Bracebridge, t	84	7	6	5	11	9	11	4	5	6	7	10	3
Gravenhurst, t	49	3	4	6	7	3	3	1	2	3	5	7	5
Huntsville, t	64	5	5	6	5	8	6	5	3	5	5	9	2
Nipissing	1145	95	86	97	107	123	104	117	67	87	75	86	101
Rural	511	44	41	43	51	74	38	47	22	33	35	38	45
Urban	634	51	45	54	56	49	66	70	45	54	40	48	56
North Bay, c	385	36	30	29	34	23	39	40	33	34	25	24	38
Mattawa, t	86	3	2	6	6	12	10	10	7	6	8	7	9
Sturgeon Falls, t	163	12	13	19	16	14	17	20	5	14	7	17	9
Norfolk	642	63	61	47	38	47	56	63	57	59	51	48	52
Rural	300	28	24	24	20	24	24	27	30	26	29	20	24
Urban	342	35	37	23	18	23	32	36	27	33	22	28	28
Simcoe, t	286	30	31	19	13	19	24	31	23	30	19	24	23
Delhi, vl	14	2	4	3	1	.....	3	.....	1	.....	.....	.....	.....
Port Dover, vl	30	3	1	1	3	3	4	2	2	3	2	3	3
Waterford, vl	12	.....	1	.....	1	1	1	3	1	.....	1	1	2
Northumberland	429	32	34	36	46	53	42	31	27	40	39	23	26
Rural	224	16	20	14	20	26	22	17	17	26	17	11	18
Urban	205	16	14	22	26	27	20	14	10	14	22	12	8
Campbellford, t	51	3	4	3	7	8	5	5	3	1	7	1	4
Cobourg, t	137	12	9	16	15	15	14	8	6	13	15	10	4
Brighton, vl	17	1	1	3	4	4	1	1	1	.....	.....	1	.....
Ontario	897	68	68	72	83	90	93	68	75	76	75	62	67
Rural	293	22	24	28	24	30	31	23	22	20	23	23	23
Urban	604	46	44	44	59	60	62	45	53	56	52	39	44
Oshawa, c	534	40	36	39	53	48	57	45	44	50	44	36	42
Uxbridge, t	15	1	2	2	.....	3	1	.....	3	2	.....	1	.....
Whitby, t	29	2	5	2	3	4	1	.....	3	4	3	.....	2
Port Perry, vl	26	3	1	1	3	5	3	.....	3	.....	5	2	.....
Oxford	849	67	66	88	64	69	67	71	75	78	77	52	75
Rural	223	22	16	28	14	21	16	21	23	16	16	12	18
Urban	626	45	50	60	50	48	51	50	52	62	61	40	57
Woodstock, c	273	22	22	24	31	22	35	21	16	25	23	17	15
Ingersoll, t	124	9	7	16	9	11	6	13	4	11	13	8	17
Tillsonburg, t	188	11	17	16	9	11	8	16	29	19	20	13	19
Norwich, vl	34	3	3	3	1	3	2	.....	3	6	2	2	6
Tavistock, vl	7	.....	1	1	.....	1	.....	.....	.....	1	3	.....	.....
Parry Sound	616	46	42	64	55	61	57	59	55	49	35	49	44
Rural	402	30	29	48	37	40	45	37	30	31	18	30	27
Urban	214	16	13	16	18	21	12	22	25	18	17	19	17
Parry Sound, t	214	16	13	16	18	21	12	22	25	18	17	19	17
Peel	347	29	28	41	34	36	20	24	29	25	19	26	36
Rural	160	17	14	14	18	19	7	13	9	14	7	11	17
Urban	187	12	14	27	16	17	13	11	20	11	12	15	19
Brampton, t	165	9	12	23	15	14	13	10	18	11	10	14	16
Port Credit, vl	22	3	2	4	1	3	.....	1	2	.....	2	1	3
Perth	753	64	59	68	66	59	75	64	60	55	69	47	67
Rural	264	26	19	26	25	17	26	17	23	25	25	11	24
Urban	489	38	40	42	41	42	49	47	37	30	44	36	43
Stratford, c	370	27	31	29	31	35	41	39	25	21	30	24	37
Listowell, t	80	8	7	8	5	7	7	4	9	6	10	6	3
Mitchell, t	12	1	.....	3	3	.....	1	.....	.....	.....	.....	2	2
St. Mary's, t	27	2	2	2	2	.....	.....	4	3	3	4	4	1
Peterborough	820	63	66	57	75	81	80	70	78	61	60	53	76
Rural	164	8	14	15	16	13	19	12	14	12	10	11	20
Urban	656	55	52	42	59	68	61	58	64	49	50	42	56
Peterborough, c	628	55	49	42	57	66	59	56	62	47	47	39	49
Havelock, vl	25	.....	3	.....	2	2	2	2	1	2	3	2	6
Lakefield, vl	3	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	1
Prescott	627	45	45	41	40	75	56	64	64	62	48	41	46
Rural	404	29	34	26	24	51	39	45	33	41	32	23	27
Urban	223	16	11	15	16	24	17	19	31	21	16	18	19
Hawkesbury, t	186	15	10	12	13	21	15	15	22	20	12	17	14
Vankleek Hill, t	37	1	1	3	3	3	2	4	9	1	4	1	5

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario, 1937—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Prince Edward	244	19	18	11	28	19	20	28	15	15	22	26	23
Rural	102	13	12	4	10	6	7	10	7	6	8	12	7
Urban	142	6	6	7	18	13	13	18	8	9	14	14	16
Picton, t	142	6	6	7	18	13	13	18	8	9	14	14	16
Rainy River	405	39	25	40	33	42	41	38	36	28	23	29	31
Rural	198	19	13	17	24	24	22	16	19	10	10	11	13
Urban	207	20	12	23	9	18	19	22	17	18	13	18	18
Fort Frances, t	138	17	9	16	6	10	14	11	10	10	9	13	13
Rainy River, t	69	3	3	7	3	8	5	11	7	8	4	5	5
Renfrew	1046	91	73	101	95	127	89	88	101	73	65	62	81
Rural	516	44	28	55	55	69	52	37	57	32	27	28	32
Urban	530	47	45	46	40	58	37	51	44	41	38	34	49
Arnprior, t	68	8	9	7	9	7	3	7	2	4	5	2	5
Pembroke, t	258	22	20	18	21	24	19	25	26	17	19	23	24
Renfrew, t	157	14	12	16	6	18	12	16	11	17	13	8	14
Barry's Bay, vl	29	2	3	2	3	5	3	2	3	2	.....	.....	4
Eganville, vl	18	1	1	3	1	4	.....	1	2	1	1	1	2
Russell	412	46	45	28	34	36	29	33	32	34	23	43	29
Rural	361	42	36	25	29	30	28	28	25	34	21	38	25
Urban	51	4	9	3	5	6	1	5	7	.....	2	5	4
Rockland, t	51	4	9	3	5	6	1	5	7	.....	2	5	4
Simcoe	1479	143	116	127	129	136	142	137	124	119	119	96	91
Rural	426	46	43	36	41	35	44	39	38	25	34	22	23
Urban	1053	97	73	91	88	101	98	98	86	94	85	74	68
Alliston, t	82	6	4	12	3	8	4	5	9	7	11	5	8
Barrie, t	210	15	12	13	23	27	16	20	19	26	15	16	8
Collingwood, t	152	10	12	11	12	22	11	15	12	10	13	9	15
Midland, t	186	18	16	17	14	14	16	21	15	13	17	13	12
Orillia, t	277	28	20	26	22	19	29	28	21	27	22	18	17
Penetanguishene, t	113	15	4	8	13	8	19	7	10	10	4	7	8
Stayner, t	18	4	2	2	.....	2	2	1	.....	1	2	2	.....
Victoria Harbour, vl	15	1	3	2	1	1	1	1	.....	.....	1	4	.....
Stormont	1008	79	64	101	83	90	102	78	81	82	85	87	76
Rural	427	33	28	42	29	45	45	30	33	22	44	38	38
Urban	581	46	36	59	54	45	57	48	48	60	41	49	38
Cornwall, t	581	46	36	59	54	45	57	48	48	60	41	49	38
Sudbury	2240	181	182	187	173	186	211	198	203	191	177	163	188
Rural	952	87	76	78	73	87	95	78	79	68	77	76	78
Urban	1288	94	106	109	100	99	116	120	124	123	100	87	110
Sudbury, c	1165	86	93	99	88	92	105	115	109	111	87	78	102
Capreol, t	27	2	2	2	4	2	3	1	1	4	2	3	1
Coniston, t	44	4	1	2	2	3	4	2	6	3	8	4	5
Coppercliff, t	52	2	10	6	6	2	4	2	8	5	3	2	2
Thunder Bay	1286	103	116	108	110	129	125	100	102	106	117	79	91
Rural	217	12	19	9	16	26	22	21	20	21	18	16	17
Urban	1069	91	97	99	94	103	103	79	82	85	99	63	74
Fort William, c	503	38	44	44	48	45	53	31	44	34	50	30	42
Port Arthur, c	566	53	53	55	46	58	50	48	38	51	49	33	32
Timiskaming	1266	105	105	101	105	134	93	107	119	110	92	98	97
Rural	457	43	36	42	36	54	36	42	38	36	30	30	34
Urban	809	62	69	59	69	80	57	65	81	74	62	68	63
Cobalt, t	63	3	6	8	8	3	5	4	8	5	3	7	3
Haileybury, t	77	6	4	2	6	10	10	10	6	7	7	4	5
New Liskeard, t	55	7	8	1	4	8	2	3	5	6	5	3	3
Kirkland Lake	614	46	51	48	51	59	40	48	62	56	47	54	52
Victoria	450	27	28	44	45	38	43	47	41	33	37	34	33
Rural	194	14	11	15	21	16	19	20	21	13	15	11	18
Urban	256	13	17	29	24	22	24	27	20	20	22	23	15
Lindsay, t	256	13	17	29	24	22	24	27	20	20	22	23	15
Waterloo	1524	141	120	146	116	125	123	143	110	131	125	123	121
Rural	314	26	25	30	23	27	31	28	29	26	30	26	13
Urban	1210	115	95	116	93	98	92	115	81	105	95	97	108
Galt, c	295	31	27	29	21	24	22	32	23	24	18	19	25
Kitchener, c	733	67	55	71	54	62	56	67	46	63	62	64	66
Elmira, t	14	.....	.....	.....	4	.....	1	3	1	2	1	.....	2
Hespeler, t	24	1	1	2	1	.....	.....	2	1	4	5	3	4
Preston, t	65	4	8	5	7	6	8	6	5	5	2	5	4
Waterloo, t	62	9	3	8	5	5	4	5	5	5	4	3	6
New Hamburg, vl	17	3	1	1	1	1	1	.....	.....	2	3	3	1
Welland	1334	100	94	121	101	92	125	121	126	116	113	98	127
Rural	313	23	22	34	22	19	31	31	31	28	26	22	24
Urban	1021	77	72	87	79	73	94	90	95	88	87	76	103
Niagara Falls, c	406	27	27	33	25	29	43	33	38	33	47	29	42
Welland, c	310	28	27	20	33	17	26	28	30	29	21	20	31
Fort Erie, t	93	3	7	11	7	7	11	10	9	8	6	7	7
Port Colborne, t	86	6	5	10	5	7	4	10	6	6	7	10	10
Thorold, t	62	6	2	10	5	6	2	4	5	6	1	6	9
Chippawa, vl	9	.....	.....	2	1	2	2	.....	.....	.....	1	1	.....
Humberston, vl	55	7	4	1	3	5	6	5	7	6	4	3	4

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario, 1937—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Wellington	974	79	86	87	82	93	74	78	86	85	74	75	75
Rural	466	29	50	34	42	54	34	33	38	49	42	28	33
Urban	508	50	36	53	40	39	40	45	48	36	32	47	42
Guelph, c	296	29	25	31	24	20	27	24	25	18	22	26	25
Harriston, t	8	....	1	....	1	....	....	1	3	2	....	....	....
Mount Forest, t	56	4	4	4	6	5	2	8	8	5	2	5	3
Palmerston, t	42	7	2	6	....	4	2	5	1	4	2	7	2
Arthur, vl	8	....	....	....	1	....	....	1	1	2	2	....	1
Elora, vl	17	3	....	2	1	5	2	....	3	....	....	....	1
Fergus, vol	81	7	4	10	7	5	7	6	7	5	4	9	10
Wentworth	2979	208	247	253	264	251	255	266	238	271	237	242	247
Rural	185	11	20	16	16	14	14	18	11	15	19	18	13
Urban	2794	197	227	237	248	237	241	248	227	256	218	224	234
Hamilton, c	2768	196	223	236	248	235	241	246	224	252	212	221	234
Dundas, t	26	1	4	1	....	2	....	2	3	4	6	3	....
York	12761	1018	974	1171	1077	1110	1163	1175	1034	1124	1001	960	954
Rural	2152	178	160	198	180	185	216	199	169	188	170	169	140
Urban	10609	840	814	973	897	925	947	976	865	936	831	791	814
Toronto, c	9942	791	764	903	851	865	896	904	817	868	798	728	757
Aurora, t	14	2	2	....	1	2	3	....	....	2	....	....	2
Long Branch, t	39	6	4	2	1	2	1	7	7	....	3	1	5
Mimico, t	129	8	7	14	12	14	10	9	10	19	5	12	9
Newmarket, t	186	14	13	18	11	19	18	25	16	12	10	18	12
New Toronto, t	74	7	8	8	7	5	5	2	5	11	2	7	7
Weston, t	122	7	10	14	5	11	8	19	3	14	6	15	10
Forest Hill, vl	7	1	....	1	2	1	1	....	....	....	1	....	....
Markham, vl	19	1	1	3	....	1	1	2	3	2	1	2	2
Richmond Hill, vl	18	....	2	2	2	....	2	1	1	2	1	2	3
Stouffville, vl	51	1	3	6	4	3	2	6	3	6	4	6	7
Swansea	8	2	....	2	1	2	....	1	....	....	....	....	....
Patricia District	37	5	....	1	4	4	4	4	4	5	3	2	1
Rural	37	5	....	1	4	4	4	4	4	5	3	2	1

Table 7—Total Live Births and Live Births in Institutions, Showing the Number of Mothers Non-resident in the Province of Ontario, 1937

	ALL LIVE BIRTHS		IN INSTITUTIONS	
	Total	Births to mothers non-resident in Province	Total	Births to mothers non-resident in Province
Total for the Province	61,645	284	30,824	217

Table 8—Births (exclusive of Stillbirths) to Resident and Non-Resident Mothers, and Births in Institutions, in the Cities, Towns, and Villages of 5,000 Population and over, 1937.

Cities, Towns, and Villages	All Births				Births in Institutions				Births Elsewhere Than in Institutions			
	Total	Resident mothers	Mothers non-resident in city, town, or village where birth occurred and		Total	Resident mothers	Mothers non-resident in city, town, or village where birth occurred and		Total	Resident mothers	Mothers non-resident in city, town, or village where birth occurred and	
			Resident in Province	Non-resident in Province			Resident in Province	Non-resident in Province			Resident in Province	Non-resident in Province
Cities:												
Belleville	381	204	177	......	309	135	174	......	72	69	3	......
Brantford	606	500	106	......	432	329	103	......	174	171	3	......
Chatham	673	290	383	......	567	194	373	......	106	96	10	......
Fort William	503	376	126	1	363	247	115	1	140	129	11	......
Galt	295	221	73	1	197	130	66	1	98	91	7	......
Guelph	296	208	88	......	216	132	84	......	80	76	4	......
Hamilton	2,768	2,369	395	4	2,163	1,782	377	4	605	587	18	......
Kingston	724	452	268	4	632	369	260	3	92	83	8	1
Kitchener	733	549	184	......	535	353	182	......	198	196	2	......
London	1,472	1,100	370	2	1,208	854	352	2	264	246	18	......
Niagara Falls	406	301	104	1	278	197	80	1	128	104	24	......
North Bay	385	286	93	6	221	134	83	4	164	152	10	2
Oshawa	534	460	74	......	334	265	69	......	200	195	5	......
Ottawa	2,983	2,382	491	110	2,373	1,792	481	100	610	590	10	10
Owen Sound	326	236	90	......	194	126	68	......	132	110	22	......
Peterborough	628	472	155	1	527	372	154	1	101	100	1	......
Port Arthur	566	357	206	3	531	325	203	3	35	32	3	......
St. Catharines	571	385	186	......	390	236	154	......	181	149	32	......
St. Thomas	296	173	122	1	280	158	121	1	16	15	1	......
Sarnia	418	296	122	......	322	203	119	......	96	93	3	......
Sault Ste. Marie	522	403	117	2	294	196	96	2	228	207	21	......
Stratford	370	231	139	......	306	170	136	......	64	61	3	......
Sudbury	1,165	876	285	4	678	416	259	3	487	460	26	1
Toronto	9,942	7,981	1,936	25	7,780	5,893	1,864	23	2,162	2,088	72	2
Welland	310	188	121	1	191	72	118	1	119	116	3	......
Windsor	2,012	1,792	217	3	1,132	929	202	1	880	863	15	2
Woodstock	273	183	89	1	219	130	88	1	54	53	1	......
Towns:												
Barrie	210	119	91	......	167	89	78	......	43	30	13	......
Brampton	165	72	93	......	146	54	92	......	19	18	1	......
Brockville	274	172	100	2	257	156	99	2	17	16	1	......
Cobourg	137	78	58	1	102	45	56	1	35	33	2	......
Collingwood	152	83	69	......	87	34	53	......	65	49	16	......
Cornwall	581	417	153	11	426	263	152	11	155	154	1	......
Eastview	166	163	3	......	......	......	......	......	166	163	3	......
Fort Erie	93	67	26	......	72	47	25	......	21	20	1	......
Fort Francis	138	118	19	1	21	14	6	1	117	104	13	......
Hawkesbury	186	167	5	14	28	12	4	12	158	155	1	2
Ingersoll	124	81	43	......	84	42	42	......	40	39	1	......
Kenora	237	151	80	6	221	136	79	6	16	15	1	......
Leamington	189	114	75	......	96	42	54	......	93	72	21	......
Lindsay	256	139	117	......	199	86	113	......	57	53	4	......
Midland	186	117	69	......	123	61	62	......	63	56	7	......
Mimico	129	57	72	......	94	23	71	......	35	34	1	......
New Toronto	74	74	......	......	......	......	......	......	74	74	......	......
Orillia	277	152	124	1	220	101	118	1	57	51	6	......
Pembroke	258	176	70	12	124	57	58	9	134	119	12	3
Port Colborne	86	81	5	......	......	......	......	......	86	81	5	......
Preston	65	54	11	......	......	......	......	......	65	54	11	......
Renfrew	157	105	52	......	109	61	48	......	48	44	4	......
Riverside	59	59	......	......	......	......	......	......	59	59	......	......
Simcoe	286	103	181	2	237	60	176	1	49	43	5	1
Smiths Falls	143	99	43	1	115	72	42	1	28	27	1	......
Timmins	812	728	82	2	224	156	68	......	588	572	14	2
Trenton	154	150	4	......	......	......	......	......	154	150	4	......
Waterloo	62	59	3	......	2	1	1	......	60	58	2	......
Weston	122	58	64	......	......	......	......	......	122	58	64	......
Whitby	29	26	3	......	3	1	2	......	26	25	1	......
Villages:												
Forest Hill	7	7	......	......	......	......	......	......	7	7	......	......
Swansea	8	8	......	......	......	......	......	......	8	8	......	......
Kirkland Lake	614	557	49	8	269	223	39	7	345	334	10	1

Table 9—Births (exclusive of Stillbirths) Classified as Legitimate or Illegitimate and as Single or Plural by Sex, for Cities, Towns, and Villages of 5,000 and over, 1937

Province, Cities, Towns, and Villages	Total births			Legitimate			Illegitimate			Single births			Twin births			Triplets		
	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total
Total for the Province	**31655**	**29990**	**61645**	**30231**	**28618**	**58849**	**1424**	**1372**	**2796**	**31061**	**29386**	**60447**	**590**	**596**	**593**	**4**	**8**	**4**
Cities, Towns, and Villages of 5,000 and over:																		
Barrie	91	119	210	89	113	202	2	6	8	91	119	210	......	......	......	......	......	......
Belleville	185	196	381	173	184	357	12	12	24	182	193	375	3	3	3	......	......	......
Brampton	79	86	165	76	85	161	3	1	4	76	85	161	3	1	2	......	......	......
Brantford	317	289	606	310	276	586	7	13	20	312	288	600	5	1	3	......	......	......
Brockville	141	133	274	134	124	258	7	9	16	139	129	268	2	4	3	......	......	......
Chatham	325	348	673	314	338	652	11	10	21	315	334	649	10	14	12	......	......	......
Cobourg	75	62	137	71	60	131	4	2	6	74	61	135	1	1	1	......	......	......
Collingwood	85	67	152	84	65	149	1	2	3	82	66	148	3	1	2	......	......	......
Cornwall	302	279	581	290	264	554	12	15	27	297	270	567	5	9	7	......	......	......
Eastview	76	90	166	73	87	160	3	3	6	74	86	160	2	4	3	......	......	......
Forest Hill	4	3	7	4	3	7	......	......	......	4	3	7	......	......	......	......	......	......
Fort Erie	46	47	93	46	46	92	......	1	1	45	46	91	1	1	1	......	......	......
Fort Francis	69	69	138	67	66	133	2	3	5	67	67	134	2	2	2	......	......	......
Fort William	246	257	503	229	248	477	17	9	26	239	256	495	7	1	4	......	......	......
Galt	155	140	295	151	133	284	4	7	11	150	137	287	5	3	4	......	......	......
Guelph	144	152	296	141	145	286	3	7	10	143	151	294	1	1	1	......	......	......
Hamilton	1469	1299	2768	1381	1212	2593	88	87	175	1438	1265	2703	30	32	31	1	2	1
Hawkesbury	90	96	186	90	96	186	......	......	......	88	94	182	2	2	2	......	......	......
Ingersoll	62	62	124	60	61	121	2	1	3	60	62	122	2	......	1	......	......	......
Kenora	128	109	237	124	105	229	4	4	8	126	107	233	2	2	2	......	......	......
Kingston	380	344	724	349	317	666	31	27	58	372	342	714	8	2	5	......	......	......
Kirkland Lake	309	305	614	300	298	598	9	7	16	303	301	604	6	4	5	......	......	......
Kitchener	383	350	733	363	337	700	20	13	33	376	335	711	7	15	11	......	......	......
Leamington	84	105	189	82	101	183	2	4	6	80	103	183	4	2	3	......	......	......
Lindsay	131	125	256	122	121	243	9	4	13	130	120	250	1	5	3	......	......	......
London	769	703	1472	683	640	1323	86	63	149	761	689	1450	8	14	11	......	......	......
Midland	94	92	186	90	88	178	4	4	8	92	90	182	2	2	2	......	......	......
Mimico	58	71	129	57	69	126	1	2	3	58	71	129	......	......	......	......	......	......
New Toronto	35	39	74	32	39	71	3	......	3	33	39	72	2	......	1	......	......	......
Niagara Falls	216	190	406	210	188	398	6	2	8	212	186	398	4	4	4	......	......	......
North Bay	201	184	385	193	174	367	8	10	18	196	181	377	5	3	4	1	2	1
Orillia	136	141	277	129	133	262	7	8	15	135	138	273	1	3	2	......	......	......
Oshawa	274	260	534	268	251	519	6	9	15	266	252	518	8	8	8	......	......	......
Ottawa	1492	1491	2983	1357	1362	2719	135	129	264	1471	1454	2925	21	37	29	......	......	......
Owen Sound	172	154	326	168	143	311	4	11	15	170	152	322	2	2	2	......	......	......
Pembroke	118	140	258	112	133	245	6	7	13	118	138	256	......	2	1	......	......	......
Peterborough	315	313	628	300	308	608	15	5	20	310	310	620	5	3	4	......	......	......
Port Arthur	298	268	566	288	256	544	10	12	22	291	265	556	7	3	5	......	......	......
Port Colborne	45	41	86	45	40	85	......	1	1	43	41	84	2	......	1	......	......	......
Preston	36	29	65	36	29	65	......	......	......	35	28	63	1	1	1	......	......	......
Renfrew	81	76	157	75	75	150	6	1	7	78	75	153	3	1	2	......	......	......
Riverside	26	33	59	26	32	58	......	1	1	25	30	55	1	3	2	......	......	......
St. Catharines	273	298	571	261	284	545	12	14	26	267	284	551	6	14	10	......	......	......
St. Thomas	157	139	296	147	132	279	10	7	17	153	139	292	4	......	2	......	......	......
Sarnia	207	211	418	203	199	402	4	12	16	204	206	410	3	5	4	......	......	......

Sault Ste. Marie	267	255	522	257	244	501	10	11	21	261	255	516	6	......	3	......	......	......
Simcoe	156	130	286	148	128	276	8	2	10	155	127	282	1	3	2	......	......	......
Smith's Falls	69	74	143	69	72	141	......	2	2	68	73	141	1	1	1	......	......	......
Stratford	194	176	370	189	168	357	5	8	13	192	174	366	2	2	2	......	......	......
Sudbury	599	566	1165	569	527	1096	30	39	69	595	550	1145	4	16	10	......	......	......
Swansea	6	2	8	6	2	8	......	......	......	6	2	8	......	......	......	......	......	......
Timmins	426	386	812	416	373	789	10	13	23	412	370	782	14	16	15	......	......	......
Toronto	5170	4772	9942	4793	4438	9231	377	334	711	5080	4688	9768	90	84	87	2	4	2
Trenton	80	74	150	80	71	151	......	3	3	80	72	152	......	2	1	......	......	......
Waterloo	36	26	62	35	25	60	1	1	2	34	24	58	2	2	2	......	......	......
Welland	171	139	310	167	138	305	4	1	5	166	138	304	5	1	3	......	......	......
Weston	61	61	122	61	57	118	......	4	4	61	61	122	......	......	......	......	......	......
Whitby	14	15	29	13	14	27	1	1	2	14	15	29	......	......	......	......	......	......
Windsor	1012	1000	2012	971	953	1924	41	47	88	996	980	1976	16	20	18	......	......	......
Woodstock	144	129	273	141	120	261	3	9	12	142	127	269	2	2	2	......	......	......

Table 10—Births (exclusive of Stillbirths Classified

Age of Father	Total	AGE OF																
		12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Under 16 years	1	...	...	...	...	1	...	....	....	....	....	....	....	....	....	....	....	....
16 years	1	...	...	...	...	...	1	....	....	....	....	....	....	....	....	....	....	....
17 "	27	...	...	...	1	...	4	10	7	3	....	....	....	2	....	....	....	....
18 "	88	...	...	1	1	11	18	24	15	7	4	1	2	2	1	....	....	....
19 "	250	...	...	...	1	13	42	65	57	35	13	11	8	2	1	....	1	....
20 "	621	...	...	...	4	23	59	115	124	133	82	37	20	15	4	2	1	1
21 "	1,075	...	...	1	5	18	70	168	206	212	162	104	58	26	18	11	7	3
22 "	1,673	...	...	...	3	20	85	159	281	270	273	233	150	90	49	24	12	3
23 "	2,185	...	...	...	3	26	50	151	278	334	358	347	279	168	72	54	27	16
24 "	2,628	...	...	...	4	16	50	151	195	293	365	411	351	303	189	117	72	45
25 "	2,853	...	...	...	3	15	48	108	178	247	334	408	388	356	304	187	118	68
26 "	3,206	...	...	...	4	10	40	72	151	229	320	380	403	410	345	335	201	127
27 "	3,381	...	...	...	3	6	27	66	102	192	244	334	384	402	390	368	338	196
28 "	3,315	...	...	...	1	5	22	48	101	110	184	267	318	339	367	381	338	328
29 "	3,448	...	...	...	2	3	15	30	78	129	153	240	270	333	366	367	366	311
30 "	3,245	...	...	...	...	5	13	21	52	73	130	162	225	263	287	322	323	369
31 "	3,082	...	...	...	1	4	7	22	49	65	100	122	146	182	252	269	277	321
32 "	2,994	...	...	...	...	3	7	12	28	44	78	108	136	158	197	236	261	275
33 "	2,745	...	...	...	1	3	4	11	21	28	45	83	118	108	148	197	199	234
34 "	2,582	...	...	...	2	...	5	7	18	21	47	66	70	122	100	147	172	208
35 "	2,410	...	...	...	...	2	2	6	12	25	29	46	70	82	110	109	136	169
36 "	2,269	...	...	...	...	...	3	9	8	23	30	37	45	55	64	94	107	129
37 "	2,143	...	...	...	...	...	3	6	9	16	23	35	38	44	67	89	116	100
38 "	1,772	...	...	...	...	1	2	1	2	11	15	16	24	23	53	57	66	100
39 "	1,564	...	...	...	...	2	1	3	6	7	10	13	17	28	30	41	47	57
40 "	1,342	...	...	...	...	...	...	2	2	2	4	9	16	13	26	35	41	47
41 "	1,125	...	...	...	...	...	...	2	2	3	5	9	14	17	16	20	20	39
42 "	1,227	...	...	...	...	...	1	....	3	3	8	9	15	9	13	26	29	32
43 "	918	...	...	...	...	...	...	3	....	2	4	2	16	12	17	12	14	20
44 "	817	...	...	...	...	...	1	1	1	2	3	2	6	9	6	12	11	24
45 "	661	...	...	...	...	...	...	1	2	4	4	5	7	10	9	7	6	10
46 "	560	...	...	...	...	...	2	....	....	....	2	1	4	1	3	9	4	12
47 "	504	...	...	...	...	...	...	1	2	2	4	1	3	2	5	5	7	9
48 "	426	...	...	...	...	...	...	....	1	1	2	....	3	5	5	2	7	10
49 "	317	...	...	...	...	...	...	....	....	4	....	....	1	2	3	2	11	3
50 "	256	...	...	...	...	...	...	....	....	1	1	1	3	1	3	1	1	2
51 "	171	...	...	...	...	...	...	....	....	1	....	....	1	2	2	3	2	1
52 "	156	...	...	...	...	...	...	....	2	....	....	1	1	1	4	3	....	2
53 "	141	...	...	...	...	...	...	....	1	....	2	1	3	1	2	2	1	....
54 "	102	...	...	...	...	...	...	....	1	3	1	....	....	....	....	....	3	2
55 "	83	...	...	...	...	...	...	1	....	1	....	1	....	2	1	1	2	1
56 "	61	...	...	...	...	...	...	....	....	1	....	4	1	3	2	....	....	1
57 "	50	...	...	...	...	...	...	....	....	....	1	....	2	1	....	1	1	....
58 "	52	...	...	...	...	...	...	....	....	1	1	1	1	....	1	....	....	1
59 "	45	...	...	...	...	...	...	....	....	....	2	....	....	1	1	....	1	....
60 "	36	...	...	...	...	...	...	....	....	....	1	....	....	....	....	....	1	....
61 "	15	...	...	...	...	...	...	....	....	....	....	....	....	....	....	....	....	....
62 "	24	...	...	...	...	...	...	....	....	....	....	....	....	1	....	....	....	....
63 "	12	...	...	...	...	...	...	....	....	....	....	....	....	....	1	1	1	....
64 "	12	...	...	...	...	...	...	....	....	....	1	....	....	1	....	....	....	....
65 and over	52	...	...	...	...	...	...	....	....	....	....	....	....	3	....	....	....	....
Not stated	126	...	...	...	...	...	...	1	2	2	3	2	1	4	1	....	1	2
Children born to married mothers	58,849	...	...	2	39	187	582	1277	1997	2540	3048	3510	3618	3614	3535	3549	3349	3278
Children born to unmarried mothers	2,796	...	5	12	58	119	199	244	261	239	260	215	173	142	126	88	88	80
Children born to all mothers	61,645	...	5	14	97	306	781	1521	2258	2779	3308	3725	3791	3756	3661	3637	3437	3358

according to Age of Parents, Ontario, 1937

MOTHER

29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50 and over	Not stated
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	...	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	...	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	...	....	....
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	...	....	....
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	...	....	....
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	...	....	....
1	1	2	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	...	...	....	....
10	4	2	1	1	....	1	....	1	....	....	1	....	....	....	....	....	....	....	...	...	....	....
9	6	2	1	....	1	2	....	....	1	....	....	....	....	....	....	....	....	....	...	...	....	....
26	14	5	6	5	4	....	5	....	....	....	....	....	....	....	....	....	....	....	...	...	....	1
36	25	11	2	7	4	1	1	3	1	....	....	....	....	....	....	....	....	....	...	...	....	....
75	38	26	13	11	2	7	....	3	1	....	1	....	1	....	....	....	....	....	...	...	....	1
137	75	47	23	18	8	7	4	3	2	....	2	....	....	....	....	....	....	....	...	...	....	3
189	126	83	49	26	12	9	2	6	1	3	....	....	....	....	....	....	....	....	...	...	....	....
316	185	108	59	50	20	7	12	8	4	10	2	4	....	....	....	....	....	....	...	...	....	....
315	283	159	92	53	33	24	19	11	7	...	3	....	....	....	....	....	....	....	...	...	....	1
326	272	282	149	101	55	34	13	21	3	3	....	1	2	....	1	....	....	....	...	...	....	2
319	265	292	243	131	80	40	34	25	7	7	5	1	....	....	....	1	....	....	1	...	....	....
249	296	240	248	202	111	70	41	39	18	13	12	....	4	2	....	....	....	....	...	...	....	....
234	247	211	247	217	192	106	50	41	23	12	7	3	1	2	1	....	....	....	...	...	....	3
173	212	202	241	188	180	155	107	70	42	14	19	3	2	1	2	....	....	....	...	...	1	....
157	185	197	182	208	199	174	157	93	60	18	15	11	2	5	....	....	....	....	...	...	....	2
121	148	148	185	193	158	182	145	135	85	49	19	13	9	3	1	2	....	....	...	...	....	1
103	94	103	124	162	142	153	128	126	124	66	30	22	15	4	2	2	....	....	...	...	....	1
82	74	83	109	110	130	124	139	138	123	88	52	27	13	4	4	2	....	....	...	...	....	..
46	87	71	84	89	106	104	125	120	94	79	66	32	19	12	2	4	2	....	...	...	....	3
31	43	67	50	78	92	73	106	87	73	97	73	58	30	14	2	2	....	1	...	...	....	1
39	43	42	82	87	76	86	109	115	85	101	74	55	56	16	8	4	1	....	...	...	....	....
22	23	36	45	56	54	58	65	81	83	82	57	61	46	34	10	3	....	....	...	...	....	....
18	21	20	31	35	67	52	46	65	67	80	56	52	50	41	26	7	3	1	...	...	....	1
9	22	23	23	29	32	49	66	42	52	52	63	46	40	19	17	7	1	3	...	...	....	1
7	13	15	20	22	30	35	48	49	47	41	41	49	42	24	18	10	7	1	2	...	....	1
9	17	13	20	20	25	31	35	50	34	35	36	27	46	26	13	14	5	5	...	...	....	2
9	13	8	14	15	22	25	26	23	36	33	35	34	33	23	18	13	6	2	...	1	....	1
6	11	6	13	12	10	10	27	24	26	26	29	24	18	21	14	3	6	2	2	1	....	....
6	7	8	7	10	15	13	20	19	18	13	32	13	22	11	9	10	3	3	2	...	....	1
3	2	10	8	7	6	10	7	14	10	10	11	20	10	6	7	8	6	2	...	...	1	1
4	7	4	9	4	3	8	5	10	12	12	10	11	16	10	3	5	5	3	1	...	....	....
3	2	3	3	11	5	4	2	11	10	12	16	4	10	17	5	4	3	2	1	...	....	....
1	1	2	3	2	5	2	4	12	8	12	6	5	10	7	8	3	....	....	1	...	....	....
1	3	....	4	4	1	3	6	3	5	7	5	12	3	5	5	5	....	....	1	...	....	....
2	2	....	1	4	....	3	5	3	6	3	5	2	5	2	4	....	2	....	...	...	....	....
1	1	2	4	2	1	3	1	5	4	2	2	2	2	3	3	2	2	2	...	...	....	....
....	....	3	3	4	2	1	2	2	7	2	4	3	2	4	3	3	1	....	...	...	....	....
1	5	5	1	1	1	2	2	4	1	3	2	1	1	6	....	3	1	....	...	...	....	....
1	1	....	4	1	....	1	4	3	3	4	3	3	1	2	1	1	....	....	...	...	1	....
2	....	....	....	....	4	....	....	....	1	1	2	3	1	....	1	....	....	....	...	...	....	....
....	....	1	....	....	1	3	2	3	1	1	....	3	5	3	....	....	....	....	...	...	....	....
....	....	1	....	1	1	2	....	1	....	....	2	1	....	....	....	....	....	....	...	...	....	....
....	....	....	....	1	1	....	2	1	2	2	....	....	....	....	....	1	....	....	...	...	....	....
2	3	2	5	1	5	1	2	1	3	4	3	2	6	2	2	1	1	1	1	...	1	....
....	2	....	1	3	2	1	....	....	2	1	....	1	....	....	....	....	....	....	...	...	....	94
3103	2880	2545	2410	2182	1898	1677	1574	1471	1192	998	801	609	523	329	190	120	55	28	12	2	4	121
62	74	43	36	36	40	27	35	25	21	19	14	8	16	3	3	4	1	....	...	...	....	20
3165	2954	2588	2446	2218	1938	1704	1609	1496	1213	1017	815	617	539	332	193	124	56	28	12	2	4	141

Table 11—Births (exclusive of Stillbirths) Classified according to Racial Origin of Parents, Ontario, 1937

Racial Origin of Father	Total	RACIAL ORIGIN OF MOTHER																																		
		English	Irish	Scottish	Welsh	French	Armenian	Austrian	Belgian	Bulgarian	Chinese	Czech and Slovak	Danish	Dutch	Finnish	German	Greek	Hindu	Hungarian	Icelandic	Indian	Italian	Japanese	Jewish	Negro	Norwegian	Polish	Roumanian	Russian	Serb and Croat	Swedish	Swiss	Syrian	Ukrainian*	Other	Not specified
English	20,696	13617	2516	2396	92	800	1	11	11	2	...	3	18	203	51	562	2	..	12	2	36	54	...	10	1	27	47	7	17	4	47	14	3	45	7	78
Irish	9,921	2725	4111	1594	39	747	...	...	5	...	...	3	3	115	17	334	4	..	3	3	14	31	...	1	...	16	46	4	5	1	23	9	1	31	6	30
Scottish	8,156	2682	1558	2888	52	394	...	2	4	1	...	5	5	112	25	269	1	..	1	2	13	23	...	3	...	8	19	5	4	3	20	5	...	22	5	25
Welsh	327	138	59	55	31	16	...	...	...	...	...	...	1	3	1	16	...	..	...	...	...	1	...	1	...	1	3	...	...	...	...	...	...	...	...	1
French	8,757	674	636	304	5	6822	...	3	9	1	...	3	4	35	11	118	1	..	5	1	17	23	...	3	...	8	22	5	3	1	11	2	2	17	2	9
Armenian	29	2	1	...	...	...	23	...	...	...	...	...	...	1	...	...	...	..	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Austrian	114	15	4	3	...	6	...	48	...	1	...	2	...	...	1	7	...	..	2	...	1	...	...	1	1	...	4	...	3	4	...	...	...	8	2	1
Belgian	177	19	10	5	...	21	...	...	107	...	...	...	...	3	...	6	...	..	...	...	...	1	...	...	...	...	...	...	3	...	1	...	...	1	...	...
Bulgarian	31	3	1	1	...	1	...	...	...	17	...	...	...	...	1	...	2	..	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	4	...	...
Chinese	38	10	...	3	...	3	...	...	...	...	20	...	...	...	...	...	...	..	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Czech and Slovak	316	6	2	1	...	5	...	1	...	...	...	261	...	...	1	5	...	..	2	...	...	1	...	...	...	...	11	...	4	3	...	...	...	13	...	...
Danish	115	28	20	7	1	8	...	...	1	...	...	...	28	3	7	5	...	..	...	...	...	...	...	...	...	2	1	...	...	...	1	...	...	2	...	1
Dutch	785	232	136	122	3	47	...	1	6	...	...	1	2	188	1	26	...	..	1	...	2	4	...	...	...	3	2	1	...	...	...	3	...	2	...	2
Finnish	309	21	8	6	...	5	...	...	...	...	...	...	...	...	250	1	...	..	...	...	9	1	...	...	...	1	...	...	1	...	2	...	...	4	...	...
German	3,005	564	310	252	6	135	...	3	3	...	...	5	4	33	10	1599	...	..	7	...	4	3	...	2	...	2	34	2	4	1	3	5	...	9	1	4
Greek	123	14	8	6	1	6	...	...	...	1	...	...	...	...	...	...	80	..	...	...	...	...	...	...	...	...	2	...	...	1	...	...	...	1	1	2
Hindu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hungarian	313	13	...	7	...	3	...	4	...	...	...	6	...	...	1	3	...	..	263	...	...	3	...	...	...	...	...	...	3	1	...	...	...	5	...	1
Icelandic	13	5	...	1	...	2	...	...	...	...	...	...	...	1	...	1	...	..	...	2	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
Indian	664	31	12	9	2	14	...	...	...	...	1	...	...	2	...	3	...	..	...	...	583	1	...	...	2	...	...	...	...	...	...	...	...	...	...	4
Italian	1,088	96	42	24	...	45	...	2	1	...	...	1	...	4	8	15	...	..	1	...	1	812	...	1	...	1	12	2	...	...	1	1	...	13	2	3
Japanese	2	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Jewish	853	13	3	4	...	3	...	...	...	...	...	...	...	1	1	2	...	..	...	...	...	...	...	819	...	...	3	...	3	...	...	...	...	1	...	...
Negro	129	3	1	1	...	3	...	...	...	...	...	...	...	...	...	...	...	..	...	...	1	...	...	...	118	...	...	...	...	...	...	...	...	...	1	1
Norwegian	120	19	15	20	...	7	...	1	...	...	...	...	3	1	7	2	...	..	1	...	1	...	...	...	...	24	2	...	...	...	14	...	...	1	1	1
Polish	774	35	14	11	3	22	...	1	2	...	...	5	...	...	1	10	...	..	2	...	1	3	...	6	...	2	580	5	12	1	2	...	...	54	1	1
Roumanian	102	7	2	4	...	4	...	3	...	...	...	...	...	1	1	2	...	..	2	...	...	...	...	2	...	...	7	57	...	1	...	...	...	8	...	1
Russian	183	16	2	11	...	10	...	5	...	...	...	...	...	1	2	9	...	..	...	...	...	...	...	3	...	1	23	5	75	...	...	...	...	19	1	...
Serb and Croat	219	8	3	2	...	2	...	1	...	...	...	2	...	...	3	3	...	..	4	...	1	1	...	...	...	...	5	1	3	173	...	...	...	7	...	...
Swedish	222	41	27	25	...	13	...	...	...	...	...	...	2	2	23	7	...	..	...	...	...	1	...	...	...	10	4	...	...	...	63	...	...	3	...	1
Swiss	69	19	5	9	...	7	...	...	...	...	...	...	...	2	1	8	...	..	...	...	...	1	...	...	...	...	...	...	...	...	...	16	...	1	...	...
Syrian	47	5	...	2	...	6	...	...	...	...	...	...	...	...	...	2	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30	2	...	...
Ukranian	671	30	11	9	1	10	...	3	...	...	...	3	...	1	4	2	...	..	...	...	...	6	...	2	...	1	53	2	7	1	...	...	1	522	1	1
Other	89	10	7	5	...	4	...	...	...	...	...	...	1	...	2	2	...	..	...	...	...	2	...	...	...	...	3	1	1	...	...	...	...	1	50	...
Not specified	392	54	15	30	...	9	...	...	...	...	...	...	...	1	1	4	...	..	...	...	1	4	...	...	...	...	1	...	...	...	1	...	...	...	...	271
Children born to married mothers T.	58,849	21155	9539	7817	237	9180	24	89	149	23	21	300	71	713	431	3023	90	..	306	10	686	977	1	854	122	108	884	97	149	195	190	55	37	797	81	438
M.	30,231	10906	4919	4040	118	4716	8	45	80	12	10	150	40	352	210	1541	53	..	158	4	341	484	1	436	59	55	472	57	66	95	102	27	25	392	36	221
F.	28,618	10249	4620	3777	119	4464	16	44	69	11	11	150	31	361	221	1482	37	..	148	6	345	493	...	418	63	53	412	40	83	100	88	28	12	405	45	217

Children born to unmarried mothers	T.	2,796	976	441	335	6	427	...	5	5	2	2	3	1	34	35	139	2	..	6	...	117	27	...	10	21	4	34	7	3	10	10	1	1	46	9	77
	M.	1,424	517	212	162	4	223	...	3	4	2	...	2	...	20	16	75	1	..	5	...	51	13	...	7	10	2	16	2	2	4	8	...	...	19	4	40
	F.	1,372	459	229	173	2	204	...	2	1	...	2	1	1	14	19	64	1	..	1	...	66	14	...	3	11	2	18	5	1	6	2	1	1	27	5	37
Children born to all mothers.	T.	61,645	22131	9980	8152	243	9607	24	94	154	25	23	303	72	747	466	3162	92	..	312	10	803	1004	1	864	143	112	918	104	152	205	200	56	38	843	90	515
	M.	31,655	11423	5131	4202	122	4939	8	48	84	14	10	152	40	372	226	1616	54	..	163	4	392	497	1	443	69	57	488	59	68	99	110	27	25	411	40	261
	F.	29,990	10708	4849	3950	121	4668	16	46	70	11	13	151	32	375	240	1546	38	..	149	6	411	507	...	421	74	55	430	45	84	106	90	29	13	432	50	254

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*Including "Galician" and "Bukovinian."

Table 12—Legitimate Births (exclusive of Stillbirths) Classified

Racial Origin of Mother	Total	AGE OF														
		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
English	21,155	1	14	68	233	477	765	959	1105	1381	1368	1388	1283	1350	1207	1186
Irish	9,539	....	5	20	62	193	286	392	461	508	537	557	578	562	544	504
Scottish	7,817	....	2	19	57	136	201	270	396	413	450	490	464	466	437	476
Welsh	237	....	....	....	1	7	8	8	12	13	13	13	14	13	23	11
French	9,180	....	10	42	121	246	367	439	530	563	583	506	542	511	510	475
Armenian	24	....	....	....	....	....	1	1	....	3	2	1	1	2	2	2
Austrian	89	....	....	....	1	1	1	3	2	2	7	3	....	7	10	7
Belgian	149	....	....	1	3	2	1	....	7	2	5	9	9	8	6	5
Bulgarian	23	....	....	....	....	....	1	1	2	4	1	1	3	2	....	1
Chinese	21	....	....	....	....	1	1	2	3	2	1	3	1	2	....	1
Czech and Slovak	300	....	....	1	2	2	5	2	8	8	10	12	8	15	10	23
Danish	71	....	....	....	....	....	2	2	3	3	2	4	4	3	1	5
Dutch	713	....	....	3	9	20	21	39	38	45	37	42	38	38	40	41
Finnish	431	...	1	1	...	10	18	18	30	30	26	29	23	22	17	23
German	3,023	....	1	11	18	47	90	120	137	156	192	180	200	199	153	187
Greek	90	....	....	....	1	2	1	3	2	6	11	2	5	3	13	3
Hindu	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hungarian	306	....	1	3	13	10	6	10	13	12	11	12	10	11	16	16
Icelandic	10	....	....	1	....	....	....	....	....	....	1	1	....	....	....	....
Indian	686	1	2	6	11	22	41	30	38	44	32	33	44	43	46	29
Italian	977	....	....	3	4	20	40	53	54	80	73	79	67	52	44	43
Japanese	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....
Jewish	854	....	....	....	1	2	9	14	23	40	50	65	67	70	86	79
Negro	122	....	....	....	5	9	7	8	5	5	10	7	5	7	4	2
Norwegian	108	....	....	....	....	1	3	5	6	8	4	7	8	5	10	4
Polish	884	....	....	1	8	10	32	39	57	53	43	52	40	46	63	49
Roumanian	97	....	....	....	1	4	6	2	9	7	12	3	3	6	7	4
Russian	149	....	1	1	4	2	8	4	9	8	10	4	13	14	8	7
Serb and Croat	195	....	1	1	2	5	2	4	11	8	13	11	14	10	7	11
Swedish	190	....	....	....	3	3	6	10	7	13	12	12	11	13	12	18
Swiss	55	....	....	....	....	1	....	2	3	2	2	4	2	2	1	2
Syrian	37	....	....	....	1	....	....	2	2	2	2	1	1	2	5	3
Ukrainian*	797	....	1	2	17	29	49	67	55	60	66	57	48	37	38	37
Other	81	....	....	....	....	2	1	2	4	7	6	....	6	9	8	5
Not specified	438	....	....	3	4	13	18	29	16	22	26	26	23	18	21	19
Total	58,849	2	39	187	582	1277	1997	2540	3048	3510	3618	3614	3535	3549	3349	3278

*Including "Galician" and "Bukovinian".

according to Age and Racial Origin of Mothers, Ontario, 1937

MOTHER

29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50 and over	Not stated
1100	982	893	827	753	646	535	538	506	379	332	267	210	169	95	59	43	18	7	3	...	1	7
522	505	423	388	369	342	319	302	256	209	185	149	111	117	57	27	19	14	4	3	...	1	8
450	411	379	354	294	299	251	212	222	186	139	105	88	58	43	18	16	6	3	2	...	1	3
12	11	14	13	10	4	4	6	7	7	4	....	2	1	2	3	1	....	....	...	...	....	....
422	395	367	365	324	290	261	235	236	200	153	128	102	84	69	41	22	12	4	2	1	....	22
1	1	1	....	1	1	....	1	1	....	1	....	1	....	....	....	....	....	....	...	...	....	....
5	8	3	4	4	3	....	6	....	2	2	1	2	2	1	2	....	....	....	...	...	....	....
10	5	5	7	8	7	9	5	7	6	4	5	5	4	....	2	....	....	2	...	...	....	....
1	2	1	....	1	....	....	1	1	....	....	....	....	....	....	....	....	....	....	...	...	....	....
....	1	....	1	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	...	...	....	....
23	22	22	23	20	15	16	8	16	7	9	4	3	3	1	1	1	....	....	...	...	....	....
5	7	4	5	4	2	2	3	4	2	1	1	....	1	....	....	....	....	....	...	...	....	1
43	35	34	26	26	25	19	18	13	14	17	14	6	8	1	2	....	....	....	...	...	....	1
31	21	20	17	17	6	15	12	6	12	6	7	6	1	1	1	2	....	....	...	...	....	2
165	170	143	116	115	91	80	79	73	59	63	53	30	34	25	19	8	3	3	2	...	....	1
2	6	7	4	6	3	3	2	3	1	....	....	....	1	....	....	....	....	....	...	...	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	...	....	....
16	18	17	29	14	10	14	10	9	11	3	6	2	2	1	....	....	....	....	...	...	....	....
1	....	1	1	....	....	2	....	2	....	....	....	....	....	....	....	....	....	....	...	...	....	....
28	24	25	21	20	16	25	19	16	16	10	12	7	8	7	2	....	....	2	...	...	1	5
37	35	38	35	40	21	24	23	31	22	16	12	11	5	4	4	2	....	2	...	1	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	...	....	....
67	65	30	33	37	23	23	21	10	11	9	5	5	3	3	1	1	....	....	...	...	....	1
5	4	5	7	3	3	1	3	3	2	2	5	1	2	1	....	....	....	1	...	...	....	....
5	1	4	3	8	4	2	5	1	3	5	2	1	....	2	1	....	....	....	...	...	....	....
61	51	45	40	31	34	27	20	19	17	12	7	4	7	3	4	1	1	....	...	...	....	7
7	4	1	2	3	5	....	3	3	1	3	....	....	....	1	....	....	....	....	...	...	....	....
7	11	1	12	2	6	2	6	1	1	2	2	1	1	1	....	....	....	....	...	...	....	....
13	13	10	17	12	4	7	6	5	4	2	....	....	1	1	....	....	....	....	...	...	....	....
7	9	8	4	12	2	4	7	6	5	3	1	....	....	1	....	1	....	....	...	...	....	....
4	5	2	7	2	2	....	3	1	1	....	....	4	1	....	1	1	....	....	...	...	....	....
....	7	1	2	1	3	....	....	2	....	....	....	....	....	....	....	....	....	....	...	...	....	....
30	32	25	32	23	15	18	13	8	5	6	8	4	6	6	....	1	1	....	...	...	....	1
3	3	2	4	6	1	1	2	1	5	2	....	....	1	....	....	....	....	....	...	...	....	....
20	16	14	11	16	15	13	5	2	4	7	7	3	3	2	1	1	....	....	...	...	....	60
3103	2880	2545	2410	2182	1898	1677	1574	1471	1192	998	801	609	523	329	190	120	55	28	12	2	4	121

Table 13—Births (exclusive of Stillbirths) Classified

Birthplace of Father	Total	BIRTHPLACE														
		Canada										British Isles				
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland	Wales	Other
Canada	44,061	20	230	150	2606	35,350	452	438	162	100	50	1962	255	732	52	9
Prince Edward Island	34	5	2	1	....	15	2	2	....	1	1	2	....	1	....	....
Nova Scotia	352	2	70	5	21	181	3	3	1	2	....	24	2	6	2	....
New Brunswick	237	1	10	52	28	106	5	3	1	2	....	14	1	4	1	....
Quebec	3,014	2	12	25	1278	1,459	23	12	7	6	....	48	10	30	4	....
Ontario	39,303	9	130	65	1243	32,993	295	315	132	68	10	1806	234	661	43	9
Manitoba	490	....	1	1	15	262	98	29	7	5	....	23	4	7	1	....
Saskatchewan	315	1	....	....	10	175	12	68	6	1	....	18	2	9	1	....
Alberta	137	....	4	....	5	86	8	2	8	5	....	5	1	5	....	....
British Columbia	100	....	1	1	5	61	6	3	....	10	....	6	....	4	....	....
Province not specified	79	....	....	....	1	12	....	1	....	....	39	16	1	5	....	....
British Isles	8,241	6	47	17	150	4,298	102	49	17	13	55	1716	436	970	69	11
England	5,150	3	33	11	100	2,887	65	29	15	9	42	1327	110	295	31	5
Ireland	1,003	1	4	2	19	446	13	5	....	2	6	113	266	94	1	1
Scotland	1,874	2	8	4	30	867	22	11	1	2	7	233	57	566	6	....
Wales	184	....	2	....	1	79	2	3	1	....	....	38	3	13	31	2
Other	30	....	....	....	....	19	....	1	....	....	....	5	....	2	....	3
British Possessions	261	....	5	3	7	100	7	7	....	2	....	45	1	17	1	1
Newfoundland	143	....	5	2	2	53	2	1	....	....	....	25	1	8	....	1
Other	118	....	....	1	5	47	5	6	....	2	....	20	....	9	1	....
Europe	4,808	1	11	6	94	1,016	111	66	10	5	15	90	9	34	6	....
Austria	212	....	1	....	3	39	21	2	1	....	....	5	....	2	....	....
Belgium	147	....	....	....	4	31	4	1	....	....	....	1	....	2	....	....
Denmark	82	....	1	1	4	30	....	2	....	....	....	3	3	1	1	....
Finland	236	....	....	....	3	58	1	2	....	1	....	1	....	....	....	....
France	30	....	1	....	3	11	1	....	....	....	....	4	....	....	....	....
Germany	157	....	1	....	4	75	....	2	....	....	2	3	1	3	....	....
Holland	132	....	....	....	....	36	....	2	1	....	....	15	....	3	1	....
Hungary	305	....	....	1	1	27	1	9	....	1	1	1	....	1	2	....
Italy	762	1	5	1	27	226	4	1	....	1	5	11	3	6	....	....
Norway	63	....	....	1	....	24	1	5	....	1	....	2	....	1	....	....
Poland	1,113	....	2	....	13	185	39	15	3	1	5	11	....	2	....	....
Roumania	176	....	....	1	8	37	6	8	1	....	2	1	....	4	....	....
Russia*	492	....	....	....	9	89	19	10	1	....	....	11	....	4	2	....
Sweden	105	....	....	1	....	40	4	1	1	....	....	6	....	2	....	....
Other	796	....	....	....	15	108	10	6	2	....	....	15	2	3	....	....
Asia	111	....	....	....	6	43	....	3	....	4	1	2	....	3	....	....
China	45	....	....	....	2	25	....	2	....	3	1	1	....	2	....	....
Japan	4	....	....	....	....	2	....	....	....	1	....	....	....	....	....	....
Other	62	....	....	....	4	16	....	1	....	....	....	1	....	1	....	....
United States	1,239	1	8	7	71	825	20	18	4	4	3	61	10	12	2	....
Various	10	....	....	....	....	8	....	....	....	....	....	1	....	....	....	....
Not specified	118	....	....	....	4	30	1	....	....	....	....	1	....	....	....	....
Children born to married mothers	58,849	28	301	183	2938	41,670	693	581	193	128	124	3878	711	1768	130	21
Children born to unmarried mothers	2,796	3	16	15	142	2,127	42	30	9	5	16	137	17	70	2	....
Children born to all mothers	61,645	31	317	198	3080	43,797	735	611	202	133	140	4015	728	1838	132	21

*Including the Ukraine.

according to Birthplace of Parents, Ontario, 1937

OF MOTHER

British Possessions		Europe															Asia					
Newfoundland	Other	Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia*	Sweden	Other	China	Japan	Other	United States	Various	Not specified
77	34	9	14	3	33	8	22	14	6	34	3	59	7	34	15	17	3	2	6	1054	7	32
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	..	....
10	2	....	....	....	1	....	....	....	....	1	....	2	....	....	1	....	....	....	....	12	1	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	7	..	....
3	1	2	2	1	....	1	2	....	....	3	....	5	....	1	....	1	....	....	3	71	..	2
64	30	6	8	2	29	6	20	13	5	29	3	45	6	26	11	14	3	2	3	930	5	30
....	....	1	1	....	2	1	....	1	....	....	....	5	....	4	2	....	....	....	....	19	1	....
....	....	....	1	....	1	....	....	....	1	1	....	2	1	3	1	....	....	....	....	1	..	....
....	1	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	..	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	..	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	..	....
20	23	1	4	3	20	2	1	2	....	5	3	9	1	11	1	2	3	....	....	170	1	3
13	15	1	3	3	10	1	1	1	....	3	2	8	1	9	1	2	2	....	....	110	1	1
....	2	....	1	....	3	....	....	1	....	....	....	....	....	1	....	....	....	....	....	22	..	....
7	6	....	....	....	6	1	....	....	....	1	....	1	....	1	....	....	1	....	....	32	..	2
....	....	....	....	....	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	6	..	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..	....
40	21	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	2	..	....
40	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	..	....
....	21	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	..	....
3	4	123	98	29	205	8	59	63	236	447	20	877	105	302	26	599	2	....	3	121	1	3
....	1	95	....	....	1	....	5	....	4	1	....	11	....	8	....	9	....	....	....	3	..	....
....	....	....	87	....	....	3	....	3	....	....	....	1	....	....	....	1	....	....	....	9	..	....
....	....	....	1	23	5	....	....	1	....	....	1	....	....	1	....	....	....	....	....	4	..	....
....	....	....	....	....	164	....	....	....	....	....	....	....	....	....	....	....	....	....	....	6	..	....
....	....	....	1	1	....	4	....	....	....	1	....	....	....	....	....	1	....	....	....	2	..	....
1	....	3	1	1	4	....	37	1	1	1	....	6	3	2	1	2	....	....	....	2	..	....
....	1	....	8	....	1	....	3	57	....	1	....	....	....	....	....	1	....	....	....	2	..	....
....	....	4	....	....	1	....	2	....	222	....	....	2	4	1	....	12	....	....	....	11	..	1
2	1	1	....	....	2	....	1	....	....	440	....	....	....	....	....	3	....	....	....	20	1	....
....	....	....	....	3	4	....	....	....	....	....	15	....	....	....	2	....	....	....	....	4	..	....
....	....	5	....	....	....	....	1	....	....	1	....	745	12	40	....	9	1	....	1	20	..	2
....	....	2	....	....	....	....	2	....	3	....	....	20	72	3	....	3	1	....	....	2	..	....
....	....	12	....	....	3	....	1	1	....	....	1	67	8	238	....	4	....	....	....	12	..	....
....	1	....	....	1	15	....	1	....	....	....	3	....	....	....	23	....	....	....	....	6	..	....
....	....	1	....	....	5	1	6	....	6	2	....	25	6	9	....	554	....	....	2	18	..	....
1	....	....	....	....	....	....	3	....	....	....	....	2	....	1	....	1	2	....	32	6	1	....
....	....	....	....	....	....	....	3	....	....	....	....	1	....	....	....	....	2	....	....	2	1	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	..	....
1	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	1	....	....	32	3	..	....
1	....	....	1	....	7	....	2	1	1	1	1	4	1	3	4	4	....	....	1	159	1	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	..	....
....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	..	80
142	82	133	117	35	266	18	88	80	243	487	27	952	114	352	46	623	10	2	42	1513	11	119
3	3	7	3	1	17	3	6	1	3	3	1	27	2	6	3	14	....	....	....	38	..	24
145	85	140	120	36	283	21	94	81	246	490	28	979	116	358	49	637	10	2	42	1551	11	143

Table 14—Legitimate Births (exclusive of Stillbirths) Classified

Birthplace of Mother	Total	AGE OF															
		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Canada	46,839	2	36	178	527	1176	1852	2343	2799	3198	3215	3110	2959	2822	2603	2495	2339
Prince Edward Island	28	....	....	....	....	....	2	....	....	1	....	....	1	1	3	2	1
Nova Scotia	301	....	....	2	2	3	6	9	12	21	22	27	26	18	12	28	17
New Brunswick	183	....	....	....	2	5	4	8	7	12	12	8	12	11	10	10	11
Quebec	2,938	....	1	4	27	45	81	107	149	154	161	165	146	160	165	175	132
Ontario	41,670	2	35	169	483	1060	1696	2114	2517	2869	2830	2745	2622	2515	2312	2179	2081
Manitoba	693	....	....	3	3	21	24	49	43	53	63	52	60	44	39	48	43
Saskatchewan	581	....	....	....	7	24	26	32	43	56	71	78	52	37	34	30	27
Alberta	193	....	....	....	1	9	8	7	15	18	28	16	25	13	16	10	13
British Columbia	128	....	....	....	....	3	....	6	8	7	20	12	8	8	8	7	6
Province not specified	124	....	....	....	2	6	5	11	5	7	8	7	7	15	4	6	8
British Isles	6,508	....	....	1	15	57	81	98	133	156	196	248	291	404	388	424	379
England	3,878	....	....	1	8	35	55	58	83	87	112	138	161	247	214	247	200
Ireland	711	....	....	....	....	3	6	7	9	16	23	25	37	49	46	45	54
Scotland	1,768	....	....	....	6	16	18	29	41	47	51	77	89	101	114	125	111
Wales	130	....	....	....	1	3	1	3	....	5	9	7	4	7	13	7	11
Other	21	....	....	....	....	....	1	1	....	1	1	1	....	....	1	....	3
British Possessions	224	....	....	....	....	4	1	2	6	4	12	10	8	19	15	13	7
Newfoundland	142	....	....	....	....	3	....	2	5	3	10	7	6	11	8	7	2
Other	82	....	....	....	....	1	1	....	1	1	2	3	2	8	7	6	5
Europe	3,581	....	3	6	26	20	24	34	55	88	117	166	173	196	233	246	275
Austria	133	....	....	....	3	....	....	....	1	....	3	3	6	6	7	7	6
Belgium	117	....	....	1	....	1	....	....	2	....	4	8	4	3	6	4	10
Denmark	35	....	....	....	....	....	....	....	1	1	....	....	2	2	....	3	3
Finland	266	....	1	....	....	1	2	3	9	3	7	19	8	14	9	18	25
France	18	....	....	....	1	....	....	....	1	2	1	....	....	....	....	....	....
Germany	88	....	....	....	....	....	1	2	2	....	1	4	5	6	8	9	10
Holland	80	....	....	....	....	1	1	2	3	....	3	2	2	5	3	6	3
Hungary	243	....	1	2	11	6	2	2	2	5	7	7	5	10	14	13	19
Italy	487	....	....	1	1	3	3	7	6	25	25	23	30	24	24	22	19
Norway	27	....	....	....	....	....	....	....	....	....	1	....	1	....	3	1	3
Poland	952	....	....	1	3	1	5	9	8	19	22	51	45	60	82	89	96
Roumania	114	....	1	....	....	....	1	1	2	2	3	9	6	10	9	8	9
Russia*	352	....	....	....	2	....	2	2	6	6	13	18	29	26	28	24	23
Sweden	46	....	....	....	....	....	2	1	....	1	1	2	2	2	3	3	3
Other	623	....	....	1	5	7	5	5	12	24	26	20	28	28	37	39	46
Asia	54	....	....	....	....	....	....	....	1	3	....	3	3	3	4	7	2
China	10	....	....	....	....	....	....	....	....	....	....	1	....	1	1	1	....
Japan	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....
Other	42	....	....	....	....	....	....	....	1	3	....	2	3	2	3	5	2
United States	1,513	....	....	2	13	18	36	60	53	60	76	74	98	98	100	92	95
Various	11	....	....	....	....	....	....	....	....	....	....	1	1	1	1	1	4
Not specified	119	....	....	....	1	2	3	3	1	1	2	2	2	6	5	....	2
Total	58,849	2	39	187	582	1277	1997	2540	3048	3510	3618	3614	3535	3549	3349	3278	3103

*Including the Ukraine.

according to Age and Birthplace of Mothers, Ontario, 1937

MOTHER

30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50 and over	Not stated
2089	1840	1689	1502	1349	1184	1100	1024	824	695	548	413	383	227	126	84	39	21	10	1	3	34
2	1	1	1	1	1	2	....	2	2	1	2	....	....	1	....	....	....	....	....	.....	......
13	14	7	16	10	12	5	9	3	3	1	1	1	1	....	....	....	....	....	....	.....	......
11	9	9	2	5	8	6	8	6	2	1	3	....	....	1	....	....	....	....	....	.....	......
148	118	140	113	114	92	103	97	95	64	51	41	29	26	12	12	4	2	2	....	.....	3
1846	1654	1494	1343	1195	1052	964	895	711	614	487	363	348	198	111	71	35	18	8	1	3	30
36	22	19	15	16	8	8	10	3	6	1	2	1	1	....	....	....	....	....	....	.....	......
21	11	10	4	3	3	3	3	1	1	1	....	....	....	....	1	....	1	....	....	.....	1
1	2	2	3	2	....	1	....	....	....	....	1	1	....	1	....	....	....	....	....	.....	......
8	5	2	3	....	5	2	2	....	1	4	....	2	1	....	....	....	....	....	....	.....	......
3	4	5	2	3	3	6	....	3	2	1	....	1	....	....	....	....	....	....	....	.....	......
431	407	385	381	312	280	270	262	218	184	161	121	86	59	36	27	12	2	2	....	.....	1
257	234	219	225	181	163	175	169	130	126	115	80	64	38	29	19	7	1	....	....	.....	......
54	41	40	37	44	38	32	28	11	15	17	13	8	7	1	2	1	1	1	....	.....	......
114	121	116	113	82	76	58	61	70	39	26	26	12	13	5	5	4	....	1	....	.....	1
6	9	10	6	4	1	3	4	6	3	1	2	1	1	1	1	....	....	....	....	.....	......
....	2	....	....	1	2	2	....	1	1	2	....	1	....	....	....	....	....	....	....	.....	......
16	14	15	10	13	8	7	9	4	6	5	5	5	2	3	....	....	....	....	....	1	......
10	5	9	10	8	5	5	6	2	3	3	4	3	2	3	....	....	....	....	....	.....	......
6	9	6	....	5	3	2	3	2	3	2	1	2	....	....	....	....	....	....	....	1	......
255	210	242	218	163	160	141	124	107	88	61	47	37	25	16	7	2	5	....	1	.....	10
16	7	7	4	7	5	12	3	6	5	5	2	4	4	2	....	1	....	....	....	.....	1
3	3	7	7	7	7	5	7	6	5	5	4	4	....	2	....	....	2	....	....	.....	......
6	2	4	3	1	1	2	1	1	1	1	....	....	....	....	....	....	....	....	....	.....	......
18	19	17	19	6	16	11	6	12	6	5	6	1	1	1	1	....	....	....	....	.....	2
1	3	....	1	....	1	....	1	1	2	1	....	....	....	1	1	....	....	....	....	.....	......
9	6	6	3	3	2	5	1	1	1	1	1	....	....	1	....	....	....	....	....	.....	......
4	4	3	1	7	7	4	3	1	4	5	2	2	1	....	....	....	....	....	....	.....	1
18	15	27	12	9	13	8	8	11	3	6	2	2	2	1	....	....	....	....	....	.....	......
19	32	28	31	20	22	19	28	20	16	8	11	5	4	4	2	....	2	....	1	.....	2
....	....	1	3	1	2	3	1	1	5	....	1	....	....	....	....	....	....	....	....	.....	......
84	52	62	57	47	42	27	26	17	13	9	7	7	2	3	1	1	....	....	....	.....	4
8	7	5	7	7	....	4	4	2	5	2	1	....	1	....	....	....	....	....	....	.....	......
20	15	24	19	18	13	14	6	7	9	5	7	5	9	....	1	....	1	....	....	.....	......
2	4	2	5	1	1	3	2	4	1	1	....	....	....	....	....	....	....	....	....	.....	......
47	41	49	46	29	28	24	27	17	12	7	3	7	1	1	1	....	....	....	....	.....	......
4	4	2	2	3	2	2	4	1	1	....	1	....	1	1	....	....	....	....	....	.....	......
1	2	....	....	....	....	1	....	....	....	....	....	....	1	1	....	....	....	....	....	.....	......
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	.....	......
3	2	2	2	3	2	1	3	1	1	....	1	....	....	....	....	....	....	....	....	.....	......
84	69	73	66	57	39	52	48	37	24	26	22	12	15	8	2	2	....	....	....	.....	2
....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	......
1	1	4	2	1	4	1	....	1	....	....	....	....	....	....	....	....	....	....	....	.....	74
2880	2545	2410	2182	1898	1677	1574	1471	1192	998	801	609	523	329	190	120	55	28	12	2	4	121

Table 15—Plural Births Classified to Show Number of Children Born Alive and Stillborn by Sex, for the Province of Ontario, 1937

Classification of Births		Total
Twin Births		674
Two males (both living)		186
One male and one female (both living)		218
Two females (both living)		189
One male living and one male stillborn		28
One male living and one female stillborn		11
One male stillborn and one female living		10
One female living and one female stillborn		16
Two males (both stillborn)		9
One male and one female (both stillborn)		3
Two females (both stillborn)		4
Triplet births		5
One male and two females (all living)		4
One male living and two females stillborn		1
Total multiple births	No.	679
	M.	693
	F.	670
Total single live births	No.	60,381
	M.	31,021
	F.	29,360
Total single stillbirths	No.	1,889
	M.	1,033
	F.	856
Total confinements		62,949

MARRIAGES

Table 16—Marriages in the Province of Ontario by Months, 1937

	Total Marriages	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total for the province	29,893	1,566	1,439	1,586	1,991	2,234	3,913	2,757	2,428	3,886	3,474	2,536	2,083

Table 17—Marriages—Conjugal Condition of Contracting Parties, in the Province of Ontario, 1937

	Total Marriages	Marriages Between									Per cent. of Bridegrooms who were			Per cent. of Brides who were		
		Bachelors and			Widowers and			Divorced men and								
		Spinsters	Widows	Divorced Women	Spinsters	Widows	Divorced Women	Spinsters	Widows	Divorced Women	Bachelors	Widowers	Divorced	Spinsters	Widows	Divorced
Total for the province	29,893	28,620	218	46	449	405	28	104	13	10	96.6	3.0	0.4	97.6	2.1	0.3

Table 18—Marriages Reported in Rural and Urban Parts of Counties, in the Province of Ontario, 1937

COUNTIES	Total	Rural	Urban	COUNTIES	Total	Rural	Urban
Total for the province	29,893	6,696	23,197	Middlesex	1,038	179	859
Addington	32	32	....	Muskoka	181	47	134
Algoma	415	105	310	Nipissing	396	127	269
Brant	484	72	412	Norfolk	268	115	153
Bruce	281	172	109	Northumberland	203	74	129
Carleton	1,471	189	1,282	Ontario	414	111	303
Cochrane	723	253	470	Oxford	389	115	274
Dufferin	100	56	44	Parry Sound	212	159	53
Dundas	98	40	58	Peel	184	100	84
Durham	172	78	94	Perth	352	128	224
Elgin	352	163	189	Peterborough	389	58	331
Essex	1,389	150	1,239	Prescott	197	100	97
Frontenac	394	93	301	Prince Edward	116	62	54
Glengarry	116	84	32	Rainy River	110	31	79
Grenville	128	55	73	Renfrew	372	149	223
Grey	406	191	215	Russell	125	104	21
Haldimand	135	71	64	Simcoe	645	231	414
Haliburton	44	44	....	Stormont	278	50	228
Halton	192	68	124	Sudbury	754	156	598
Hastings	526	216	310	Thunder Bay	601	54	547
Huron	299	196	103	Timiskaming	545	143	402
Kenora	196	28	168	Victoria	198	103	95
Kent	541	179	362	Waterloo	816	107	709
Lambton	384	153	231	Welland	697	136	561
Lanark	244	71	173	Wellington	418	101	317
Leeds	251	100	151	Wentworth	1,780	154	1,626
Lennox	93	46	47	York	8,176	731	7,445
Lincoln	468	78	390	District of Patricia	19	19	......
Manitoulin	86	69	17				

Table 19—Marriages—Ages of Bridegrooms and Brides, Ontario, 1937

Age of Bride-groom	Total grooms	AGE OF BRIDE																																									
		Under 16	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50—54	55—59	60—64	65—69	70—74	75 and over	Not stated
Under 18	34	1	3	9	8	5	4	1	....	1	1	1	....	....	....	...	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	..	..	..	..	..	...	...	...	..	..	....	....
18	202	4	23	40	68	34	8	11	8	4	....	....	2	....	....	...	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	..	..	..	..	..	...	...	...	..	..	....	....
19	460	9	40	71	117	89	59	26	22	10	7	4	3	....	....	...	1	1	...	...	...	...	...	1	...	...	...	..	..	..	..	..	..	..	..	..	...	...	...	..	..	....	....
20	819	12	41	83	188	137	138	94	52	32	17	8	6	3	2	...	4	1	1	...	...	...	...	...	...	...	...	..	..	..	..	..	..	..	..	..	...	...	...	..	..	....	....
21	1,983	12	60	134	446	318	292	286	172	118	61	31	17	13	11	3	1	2	4	...	...	1	...	...	...	...	1	..	..	..	..	..	..	..	..	..	...	...	...	..	..	....	....
22	2,152	3	43	119	323	317	306	328	280	181	98	62	30	28	8	11	6	1	5	1	1	...	...	1	...	...	...	..	..	..	..	..	..	..	..	..	...	...	...	..	..	....	....
23	2,494	15	40	104	267	300	325	391	324	279	170	115	64	34	21	16	12	4	4	2	1	3	1	...	...	...	...	..	..	2	..	..	..	..	..	..	...	...	...	..	..	....	....
24	2,610	6	34	99	219	244	281	347	369	306	280	157	101	80	35	23	13	6	1	1	3	...	...	...	1	...	...	..	..	2	..	..	..	1	..	..	1	...	...	..	..	....	....
25	2,425	6	24	65	157	191	243	268	294	305	279	212	131	114	48	29	20	13	4	7	3	6	2	...	2	...	1	..	..	..	..	..	..	..	..	1	...	...	...	..	..	....	....
26	2,192	8	19	41	123	138	187	237	236	284	261	189	159	113	62	47	38	15	11	6	4	5	3	2	...	...	...	1	1	..	..	..	..	1	..	..	...	...	...	..	..	....	1
27	2,088	6	13	45	87	121	132	208	181	223	239	205	181	162	109	67	52	25	15	4	2	4	2	...	3	1	...	..	..	..	..	..	..	..	1	..	...	...	...	..	..	....	....
28	2010	7	17	28	69	105	116	174	181	192	182	184	184	162	166	100	52	28	22	14	8	5	3	3	3	3	1	1	..	..	..	..	..	..	..	..	...	...	...	..	..	....	....
29	1567	3	12	24	58	76	79	114	124	118	143	140	151	132	136	98	62	36	27	10	4	7	3	3	1	3	1	1	1	..	..	..	..	..	..	..	...	...	...	..	..	....	....
30	1244	3	7	21	36	55	59	71	88	103	101	123	105	108	88	71	67	44	35	24	7	8	5	2	5	1	1	..	1	..	..	1	1	..	1	1	1	...	...	..	..	....	....
31	1035	2	4	15	30	35	49	62	61	79	81	81	75	93	56	71	59	53	50	22	20	14	8	4	2	2	3	..	..	1	..	..	1	..	2	..	...	...	...	..	..	....	....
32	886	3	2	10	20	20	31	48	55	51	68	79	71	78	86	45	54	48	30	24	16	15	9	1	9	4	1	..	4	..	1	1	..	1	..	..	1	...	...	..	..	....	....
33	719	....	7	7	21	22	19	30	35	49	49	47	45	51	44	48	43	52	43	33	24	17	11	8	4	2	3	2	1	..	..	1	..	1	..	..	...	...	...	..	..	....	....
34	590	1	3	6	5	24	18	27	29	23	43	44	30	41	43	42	47	19	32	39	26	17	9	9	6	2	2	1	1	..	1	..	..	..	..	..	...	...	...	..	..	....	....
35	534	1	2	8	7	13	19	22	23	21	32	32	30	33	28	27	34	35	24	35	25	23	15	14	6	7	5	1	2	1	1	1	..	1	2	1	1	2	...	..	..	....	....
36	391	....	...	4	8	7	11	10	17	14	30	24	28	22	29	21	30	25	18	12	14	16	17	8	5	6	2	1	5	2	3	1	1	..	..	..	...	...	...	..	..	....	....
37	403	....	4	1	6	13	10	12	11	18	22	21	20	30	19	25	29	22	21	21	10	18	12	16	14	12	3	1	..	3	4	..	..	2	2	..	1	...	...	..	..	....	....
38	320	....	...	2	3	6	7	10	13	7	18	18	21	15	20	11	27	13	32	20	10	12	6	8	9	11	6	4	3	4	1	1	..	1	1	..	...	...	...	..	..	....	....
39	263	2	2	1	4	3	3	5	7	7	13	15	10	10	8	26	19	14	15	10	16	13	10	10	10	10	2	5	2	2	2	..	2	..	2	..	2	...	1	..	..	....	....
40	233	....	...	...	1	4	4	4	2	6	10	14	6	13	6	10	13	16	12	10	12	12	7	15	6	7	9	7	5	5	2	1	4	3	1	..	5	1	...	..	..	....	....
41	196	....	...	...	1	1	1	8	2	4	6	4	5	11	3	8	18	14	11	7	9	14	4	10	4	8	4	8	3	9	6	3	1	2	1	1	3	1	...	..	1	....	....
42	180	....	...	...	2	2	5	2	2	6	4	4	5	13	8	8	4	9	13	13	10	5	8	12	6	4	6	5	11	2	6	..	2	..	1	1	...	1	...	..	..	....	....
43	170	....	...	...	....	....	2	1	3	3	6	6	4	4	3	7	13	3	18	13	8	8	13	5	6	3	9	3	5	3	3	8	1	2	2	1	2	2	...	..	..	....	....
44	117	....	...	...	1	....	1	1	2	1	3	4	6	4	4	2	3	3	4	3	8	12	2	6	5	6	9	4	1	7	5	4	3	1	1	..	...	1	...	..	..	....	....
45	116	....	...	...	1	....	....	3	....	1	....	....	....	4	4	4	3	9	8	5	2	7	9	8	9	7	8	4	4	3	1	2	1	1	2	..	3	3	...	..	..	....	....
46	101	....	...	1	1	3	1	....	....	1	....	7	5	1	2	1	3	3	6	5	4	7	3	4	1	4	1	2	3	2	5	4	2	7	2	1	5	3	...	1	..	....	....
47	85	....	...	...	2	....	1	....	1	1	....	....	2	1	1	4	2	3	3	3	3	6	3	3	1	3	3	2	6	4	1	5	4	6	4	1	4	1	1	..	..	....	....
48	109	....	...	1	....	1	1	....	....	3	1	....	2	2	1	3	6	4	5	7	3	7	3	10	4	5	2	3	5	5	4	1	6	3	4	..	4	3	...	..	..	....	....
49	77	....	...	...	....	....	....	....	....	1	....	1	....	1	....	1	4	2	2	3	1	2	6	1	5	2	2	8	2	4	4	4	3	6	3	1	6	2	...	..	..	....	....
50-54	354	....	...	1	1	1	2	5	2	1	4	2	1	2	8	3	6	9	8	12	6	9	12	8	9	11	12	15	12	15	12	13	14	14	23	11	60	15	9	4	1	1	....
55-59	259	....	...	...	....	....	1	1	....	3	1	3	....	6	2	1	2	3	6	7	5	5	3	4	7	7	6	6	9	8	7	16	8	8	6	10	57	32	13	5	..	1	....
60-64	185	....	...	...	1	....	1	....	1	....	....	....	....	1	....	...	1	2	...	1	3	...	1	3	3	2	2	5	5	3	7	3	5	7	2	13	36	41	23	9	2	1	1
65-69	139	....	...	...	....	....	....	1	....	1	....	1	....	1	....	...	1	...	2	...	...	...	...	...	3	1	3	1	1	3	2	2	4	5	2	1	23	32	25	19	4	1	....
70-74	101	....	...	...	....	....	....	....	....	....	1	....	....	....	....	...	1	...	1	...	1	...	...	1	...	...	...	..	1	..	3	..	1	1	..	3	10	13	25	13	20	6	....
75-79	42	....	...	...	....	....	....	....	....	....	....	....	....	....	....	...	...	...	...	...	...	...	...	...	...	...	...	..	1	1	..	..	..	..	2	..	5	5	6	10	8	4	....
80 and over	8	....	...	...	....	....	....	....	....	....	....	....	....	....	....	...	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	..	..	..	..	..	...	...	1	3	3	1	....
Not stated	......	....	...	...	....	....	....	....	....	....	....	....	....	....	....	...	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	..	..	..	..	..	...	...	...	..	..	....	....
Total brides	29893	104	400	940	2281	2285	2416	2808	2597	2457	2231	1838	1500	1386	1061	833	750	537	493	374	269	278	190	180	149	134	108	91	95	91	81	72	64	74	67	47	230	158	104	64	39	15	2

Table 20—Marriages—Denominations of Contracting Parties, 1937

Denomination of Groom	Total Grooms	DENOMINATION OF BRIDE																												
		Adventists	Anglicans	Baptists	Brethren	Christians	Christian Science	Church of Christ	Disciples	Evangelicals	Friends	Greek Catholics	Greek Orthodox	Holiness Movement	Jews	Lutherans	Mennonites	Mormons	Pentecostal	Presbyterians	Protestants	Roman Catholics	Salvation Army	Unitarians	United Brethren	United Church	Oriental religions	No religion	Other sects	Not stated
Adventists	17	12	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...
Anglicans	6284	3	3644	249	3	2	15	4	4	9	...	7	6	1	3	69	5	15	7	559	7	424	16	...	...	1210	...	...	20	2
Baptists	1,679	...	253	768	3	1	2	5	1	4	...	2	2	...	1	19	...	3	6	129	3	81	2	...	...	374	...	...	20	...
Brethren	70	...	5	1	52	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	9	...	...	1	...
Christians	64	...	7	1	1	38	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	2	...	...	...	5	...	...	2	...
Christian Science	45	...	6	6	...	...	15	...	...	...	...	...	...	1	...	...	...	...	...	5	1	1	...	...	...	9	...	...	1	...
Church of Christ	52	.	9	1	1	...	...	23	...	...	...	...	...	...	...	1	...	1	...	4	...	3	...	...	...	9	...	...	...	...
Disciples	26	...	3	1	...	...	...	...	10	...	...	...	...	...	...	...	...	...	...	4	...	1	...	...	...	7	...	...	...	...
Evangelicals	129	...	6	9	...	...	...	...	...	57	...	1	...	...	...	23	2	...	3	7	...	2	...	...	...	17	...	...	2	...
Friends	9	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1	...	...	...	4	...	...	...	...
Greek Catholics	197	...	5	...	...	...	...	...	...	...	...	144	2	...	...	2	1	...	...	4	...	33	...	...	...	4	...	...	1	1
Greek Orthodox	171	...	8	3	...	...	...	...	...	...	...	5	113	...	...	...	...	...	...	3	...	29	...	...	...	10	...	...	...	...
Holiness Movement	17	...	3	...	...	...	...	...	...	...	...	...	...	11	...	...	...	...	1	...	...	...	...	...	...	1	...	...	1	...
Jews	688	...	3	4	...	...	...	...	...	...	...	...	...	...	669	...	...	...	...	2	1	3	...	...	...	6	...	...	...	...
Lutherans	891	1	75	24	1	...	...	...	...	14	...	4	2	...	...	530	7	1	1	51	4	71	...	...	...	104	...	...	1	...
Mennonites	136	...	4	1	...	...	...	...	1	1	...	...	...	...	...	6	108	...	1	4	...	2	...	...	...	8	...	...	...	...
Mormons	54	...	7	2	...	...	...	...	...	1	...	...	...	...	...	1	...	20	...	4	...	3	...	...	...	15	...	...	1	...
Pentecostal	103	...	3	7	...	...	...	...	1	1	...	1	...	...	...	...	1	...	77	4	...	2	...	...	...	5	...	...	1	...
Presbyterians	3,608	1	715	176	7	4	3	1	1	10	1	4	5	1	2	48	4	9	4	1572	5	244	9	...	...	766	...	...	15	1
Protestants	563	...	15	10	...	1	...	1	...	...	...	1	...	...	...	5	1	...	...	6	442	63	1	...	...	16	...	...	1	...
Roman Catholics	6,328	...	281	55	...	1	3	...	...	6	...	22	8	...	8	46	...	2	1	135	26	5451	3	...	...	266	...	...	13	1
Salvation Army	116	...	11	4	...	...	...	1	...	1	...	...	1	...	...	...	...	...	...	2	...	1	77	...	...	17	...	...	1	...
Unitarians	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...
United Brethren	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
United Church	8,251	...	982	279	5	6	9	6	5	22	...	3	2	4	...	70	3	10	14	513	4	331	18	...	...	5929	...	...	35	1
Oriental religions—(Buddhists, Confucians, Mohammedans, Shintos, Sikhs, Hindus)	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	1	...
No religion	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Other sects	363	...	33	13	...	2	...	...	...	1	1	...	1	1	...	4	...	1	3	15	...	25	1	...	...	49	...	...	212	1
Not stated	24	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	6	...	...	...	2	...	...	...	11
Total Brides	29,893	17	6083	1615	74	56	47	41	23	127	2	195	142	19	683	824	133	63	118	3035	493	6779	127	...	1	8845	3	...	330	18

Table 21—Marriages—Birthplace of Bridegrooms and Brides, 1937

Birthplace of Bridegroom	Total	BIRTHPLACE OF BRIDE																																					
		Canada										British Isles					British Possessions		Europe															Asia					
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland	Wales	Other	Newfoundland	Other	Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia*	Sweden	Other	China	Japan	Other	United States	Various	Not specified
Canada	25,327	8	83	56	586	22128	248	235	65	41	...	815	93	351	18	1	27	18	6	4	4	22	2	17	9	10	13	2	72	5	26	4	11	2	2	5	334	3	1
Prince Edward Island	8	2	...	1	...	4	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nova Scotia	118	1	16	...	6	74	1	2	...	...	...	8	2	1	1	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	2	...	...
New Brunswick	76	...	1	8	11	47	1	3	...	...	...	3	...	...	...	...	...	...																1	...	...	1	...	...
Quebec	594	1	3	4	161	376	12	3	...	1	...	12	3	5	...	...	1	2	...	...	...	...	...	...	...	...	...	...	2	...	...	1	...	...	...	...	7	...	...
Ontario	23,933	4	58	40	393	21257	162	175	59	33	...	763	87	336	16	1	24	15	6	4	4	22	2	16	9	7	13	2	64	4	26	2	10	1	2	4	308	3	1
Manitoba	262	...	1	1	6	156	50	14	3	1	...	13	...	3	...	...	...	...	...	...	...	...	...	1	...	...	...	...	6	...	...	...	1	...	...	1	5	...	...
Saskatchewan	211	...	1	1	7	119	18	37	1	3	...	10	...	2	1	...	...	...	...	...	...	...	...	...	...	3	...	...	...	1	...	...	...	...	...	...	7	...	...
Alberta	77	...	2	...	2	60	3	1	2	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...
British Columbia	47	...	1	1	...	34	1	...	...	3	...	3	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Province not specified	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
British Isles	2,634	...	14	4	48	1628	34	26	15	7	2	463	98	202	10	...	7	7	...	2	...	4	3	2	...	1	2	...	4	1	6	...	2	...	...	...	42	...	...
England	1,667	...	10	3	31	1027	23	16	8	4	1	369	37	72	7	...	5	5	...	2	...	3	1	1	...	...	1	...	4	1	3	...	1	...	...	...	32	...	...
Ireland	280	...	1	...	5	177	5	2	1	...	1	26	40	14	1	...	1	1	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	3	...	...
Scotland	634	...	2	1	12	388	6	7	4	3	...	64	19	112	...	...	1	1	...	...	...	1	1	1	...	...	1	...	...	...	2	...	1	...	...	...	7	...	...
Wales	50	...	1	...	...	35	...	1	2	...	...	3	1	4	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Other	3	...	...	...	...	1	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
British Possessions	60	...	...	...	1	33	1	...	...	...	...	8	2	3	1	...	7	1	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	1	...	...	...	...	...
Newfoundland	34	...	...	...	1	17	1	...	...	...	...	5	2	...	...	...	7	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Other	26	...	...	...	...	16	...	...	...	...	...	3	...	3	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...
Europe	1,261	...	3	3	22	434	51	28	4	1	3	21	2	15	2	...	1	...	12	13	7	82	...	12	7	48	47	2	215	18	56	1	95	...	1	1	54	...	...
Austria	49	...	...	...	1	25	...	2	...	...	...	1	...	2	...	...	...	...	7	...	...	1	...	...	...	...	...	...	4	...	2	...	3	...	...	...	1	...	...
Belgium	29	...	...	...	...	11	2	...	...	...	...	...	...	...	...	...	...	...	...	12	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	3	...	...
Denmark	36	...	...	2	1	15	2	1	...	...	...	1	...	2	...	...	...	...	...	1	6	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Finland	93	...	...	...	...	21	1	2	...	...	...	...	...	2	...	...	...	...	...	...	...	66	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
France	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Germany	71	...	...	...	...	38	...	...	...	...	...	4	...	4	...	...	...	...	2	...	...	4	...	9	...	...	...	...	3	2	...	...	1	...	...	...	4	...	...
Holland	34	...	1	...	...	23	2	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Hungary	65	...	...	...	...	16	1	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	37	...	...	1	1	1	...	3	...	...	...	3	...	...
Italy	146	...	1	...	3	82	1	1	...	...	1	3	1	...	...	...	...	...	...	...	...	1	...	...	...	...	46	1	...	...	1	...	...	...	...	...	4	...	...
Norway	12	...	...	...	...	3	1	...	...	...	...	...	...	...	1	...	...	...	...	...	1	3	...	...	...	...	...	1	...	...	...	1	...	...	...	...	1	...	...
Poland	348	...	...	1	8	97	24	8	1	...	...	...	...	1	...	...	...	...	1	...	...	...	...	1	1	...	1	...	170	6	14	...	2	...	...	...	12	...	...

Roumania	54	..	...	..	3	13	4	5	1	..	...	....	...	1	..	..	....	....	1	...	...	...	...	1	...	5	...	...	3	8	1	...	3	...	...	1	4	...	...
Russia*	117	..	...	..	2	35	8	3	1	..	2	2	...	....	1	..	....	....	1	...	...	1	...	...	...	1	...	...	22	...	34	...	...	...	...	...	4	...	...
Sweden	20	..	...	..	...	9	2	2	1	1	...	2	...	....	..	..	1	....	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Other	186	..	1	..	3	46	3	4	..	..	...	4	1	3	..	..	....	....	...	...	...	...	...	1	...	5	...	...	12	1	3	...	83	...	1	...	15	...	...
Asia	27	..	...	..	...	16	1	...	1	2	...	2	...	....	..	..	....	....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	4	...	...	...
China	15	..	...	..	...	9	...	...	1	2	...	2	...	....	..	..	....	....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
Japan	3	..	...	..	...	3	...	...	..	..	...	....	...	....	..	..	....	....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other	9	..	...	..	...	4	1	...	..	..	...	....	...	....	..	..	....	....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...
United States	578	..	3	2	11	438	13	11	3	5	...	20	6	5	..	..	....	1	...	...	...	3	...	...	...	...	1	...	3	1	...	...	1	...	...	...	51	...	...
Various	6	..	...	..	...	5	...	...	..	..	...	1	...	....	..	..	....	....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total brides	29,893	8	103	65	668	24682	348	300	88	56	5	1330	201	576	31	1	42	27	18	19	11	111	5	31	16	59	63	4	295	25	89	5	109	4	3	10	481	3	1

*Including the Ukraine.

Table 22—Marriages—Literacy of Bridegrooms and Brides in Ontario, Classified by Birthplace, 1937

Birthplace	Bridegrooms			Brides		
	Total	Illiterate	Per cent. Illiterate	Total	Illiterate	Per cent. Illiterate
Total	29,893	47	0.2	29,893	31	0.1
Canada	25,327	30	0.1	26,323	13	(2)
Prince Edward Island	8	....	....	8	....	....
Nova Scotia	118	....	....	103	....	....
New Brunswick	76	....	....	65	....	....
Quebec	594	1	0.2	668	....	....
Ontario	23,933	29	0.1	24,682	13	0.1
Manitoba	262	....	....	348	....	....
Saskatchewan	211	....	....	300	....	....
Alberta	77	....	....	88	....	....
British Columbia	47	....	....	56	....	....
Province not specified	1	....	....	5	....	....
British Isles	2,634	....	....	2,139	1	(2)
England	1,667	....	....	1,330	....	....
Ireland	280	....	....	201	....	....
Scotland	634	....	....	576	....	....
Wales	50	....	....	31	1	3.2
Other	3	....	....	1	....	....
British Possessions	60	....	....	69	....	....
Newfoundland	34	....	....	42	....	....
Other	26	....	....	27	....	....
Europe	1,261	15	1.2	860	15	1.7
Austria	49	2	4.1	18	2	11.1
Belgium	29	....	....	19	....	....
Denmark	36	....	....	11	....	....
Finland	93	1	1.1	111	1	0.9
France	1	....	....	5	....	....
Germany	71	....	....	31	....	....
Holland	34	....	....	16	....	....
Hungary	65	....	....	59	....	....
Italy	146	....	....	63	....	....
Norway	12	....	....	4	....	....
Poland	348	7	2.0	295	7	2.4
Roumania	54	1	1.9	25	1	4.0
Russia[1]	117	1	0.9	89	....	....
Sweden	20	....	....	5	....	....
Other	186	3	1.6	109	4	3.7
Asia	27	1	3.7	17	1	5.9
China	15	....	....	4	....	....
Japan	3	....	....	3	....	....
Other	9	1	11.1	10	1	10.0
United States	578	1	0.2	481	1	0.2
Various	6	....	....	3	....	....
Not specified	....	....	....	1	....	....

[1] Including the Ukraine. [2] Less than one-tenth of one per cent.

Table 23—Deaths of Children under One Year (exclusive of Stillbirths) in the Province of Ontario, by Months, Classified as Rural and Urban, 1937

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Ontario	**3,382**	**383**	**305**	**331**	**281**	**254**	**222**	**283**	**259**	**285**	**275**	**248**	**256**
Rural	1,110	160	112	116	76	90	77	85	69	87	80	83	75
Urban	2,272	223	193	215	205	164	145	198	190	198	195	165	181
Addington	4	1	....	....	1	....	1	....	....	....	....	1	....
Rural	4	1	....	....	1	....	1	....	....	....	....	1	....
Algoma	73	8	5	8	8	7	3	2	6	5	6	8	7
Rural	22	4	3	1	3	2	2	1	1	2	1	2	....
Urban	51	4	2	7	5	5	1	1	5	3	5	6	7
Sault Ste. Marie, c.	40	2	2	6	2	5	1	....	4	3	5	4	6
Blind River, t.	8	2	....	....	2	....	....	1	1	....	....	1	1
Thessalon, t.	3	....	....	1	1	....	....	....	....	....	....	1	....
Brant	42	1	4	2	4	4	2	3	2	3	9	2	6
Rural	10	....	2	....	1	1	....	1	....	1	3	1	....
Urban	32	1	2	2	3	3	2	2	2	2	6	1	6
Brantford, c.	31	1	2	2	3	3	2	2	2	2	5	1	6
Paris, t.	1	....	....	....	....	....	....	....	....	....	1	....	....
Bruce	44	6	3	8	2	7	1	3	5	2	3	3	1
Rural	26	2	1	6	1	4	1	2	4	2	2	1	....
Urban	18	4	2	2	1	3	....	1	1	....	1	2	1
Chesley, t.	1	....	....	....	....	1	....	....	....	....	....	....	....
Kincardine, t.	2	....	....	1	....	....	....	....	....	....	1	....	....
Southampton, t.	....	....	....	....	....	....	....	....	....	....	....	....	....
Walkerton, t.	8	3	2	1	....	1	....	....	....	....	....	1	....
Wiarton, t.	4	....	....	....	1	1	....	....	1	....	....	1	....
Lucknow, vl.	....	....	....	....	....	....	....	....	....	....	....	....	....
Port Elgin, vl.	3	1	....	....	....	....	....	1	....	....	....	....	1
Carleton	295	32	22	22	20	20	12	27	24	34	38	23	21
Rural	24	4	....	2	1	2	3	6	2	2	....	....	2
Urban	271	28	22	20	19	18	9	21	22	32	38	23	19
Ottawa, c.	255	27	19	19	18	17	9	21	21	28	38	19	19
Eastview, t.	16	1	3	1	1	1	....	....	1	4	....	4	....
Cochrane	182	23	7	17	8	16	18	15	21	21	12	11	13
Rural	85	10	2	8	1	10	9	6	11	13	5	5	5
Urban	97	13	5	9	7	6	9	9	10	8	7	6	8
Cochrane, t.	7	1	....	....	1	....	....	....	2	2	....	1	....
Iroquois Falls, t.	4	1	....	....	....	1	....	1	1	....	....	....	....
Kapuskasing, t.	12	3	....	1	1	....	2	....	2	1	....	1	1
Timmins, t.	74	8	5	8	5	5	7	8	5	5	7	4	7
Dufferin	18	1	1	1	....	1	3	1	1	3	4	1	1
Rural	10	....	1	....	....	....	2	1	1	1	3	1	....
Urban	8	1	....	1	....	1	1	....	....	2	1	....	1
Orangeville, t.	7	1	....	1	....	1	1	....	....	1	1	....	1
Shelburne, vl.	1	....	....	....	....	....	....	....	....	1	....	....	....
Dundas	24	4	6	3	2	....	1	1	3	....	2	1	1
Rural	19	3	6	3	2	....	....	1	2	....	1	1	....
Urban	5	1	....	....	....	....	1	....	1	....	1	....	1
Chesterville, vl.	1	....	....	....	....	....	....	....	....	....	1	....	....
Iroquois, vl.	1	1	....	....	....	....	....	....	....	....	....	....	....
Morrisburg, vl.	1	....	....	....	....	....	....	....	....	....	....	....	1
Winchester, vl.	2	....	....	....	....	....	1	....	1	....	....	....	....
Durham	13	1	2	1	1	1	....	....	2	....	3	1	1
Rural	3	1	....	1	....	....	....	....	....	....	1	....	....
Urban	10	....	2	....	1	1	....	....	2	....	2	1	1
Bowmanville, t.	3	....	....	....	....	1	....	....	1	....	....	....	1
Port Hope, t.	7	....	2	....	1	....	....	....	1	....	2	1	....
Elgin	25	3	1	4	1	1	1	1	3	1	4	4	1
Rural	14	2	....	4	....	1	1	1	3	....	1	1	....
Urban	11	1	1	....	1	....	....	....	....	1	3	3	1
St. Thomas, c.	10	1	1	....	1	....	....	....	....	1	2	3	1
Aylmer, t.	1	....	....	....	....	....	....	....	....	....	1	....	....
Essex	135	12	13	16	14	9	8	14	10	9	12	11	7
Rural	20	1	2	1	2	2	3	2	1	3	2	....	1
Urban	115	11	11	15	12	7	5	12	9	6	10	11	6
Windsor, c.	103	8	9	13	10	6	5	12	9	6	8	11	6
Amherstburg, t.	3	1	....	....	....	....	....	....	....	....	2	....	....
Essex, t.	....	....	....	....	....	....	....	....	....	....	....	....	....
Kingsville, t.	....	....	....	....	....	....	....	....	....	....	....	....	....
Leamington, t.	7	2	1	2	2	....	....	....	....	....	....	....	....
Riverside, t.	1	....	1	....	....	....	....	....	....	....	....	....	....
Tecumseh, t.	1	....	....	....	....	1	....	....	....	....	....	....	....
Frontenac	44	4	1	7	3	4	....	2	7	4	6	4	2
Rural	10	2	1	....	....	3	....	....	....	1	1	2	....
Urban	34	2	....	7	3	1	....	2	7	3	5	2	2
Kingston, c.	34	2	....	7	3	1	....	2	7	3	5	2	2
Glengarry	30	5	1	3	....	2	1	2	2	4	4	1	5
Rural	24	2	1	3	....	2	1	1	1	4	4	1	4
Urban	6	3	....	....	....	....	....	1	1	....	....	....	1
Alexandria, t.	6	3	....	....	....	....	....	1	1	....	....	....	1
Grenville	12	1	2	....	1	1	1	....	....	5	1	....	....
Rural	8	1	2	....	1	1	1	....	....	1	1	....	....
Urban	4	....	....	....	....	....	....	....	....	4	....	....	....
Prescott, t.	1	....	....	....	....	....	....	....	....	1	....	....	....
Cardinal, vl.	2	....	....	....	....	....	....	....	....	2	....	....	....
Kemptville, vl.	1	....	....	....	....	....	....	....	....	1	....	....	....

Table 23—Deaths of Children under One Year (exclusive of Stillbirths) in the Province of Ontario, by Months, Classified as Rural and Urban, 1937—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec
Grey	43	4	2	7	2	3	7	2	2	5	3	4	2
Rural	22	1	1	6	2	1	3	....	....	2	2	3	1
Urban	21	3	1	1	....	2	4	2	2	3	1	1	1
Owen Sound, c.	17	2	1	1	....	2	3	2	2	3	....	1	....
Durham, t.	1	1	....	....	....	....	....	....	....	....	....	....	....
Hanover, t.	3	....	....	....	....	....	1	....	....	....	1	....	1
Meaford, t.	....	....	....	....	....	....	....	....	....	....	....	....	....
Haldimand	13	1	....	....	1	1	2	1	1	1	....	3	2
Rural	6	....	....	....	....	1	1	1	....	....	....	1	2
Urban	7	1	....	....	1	....	1	....	1	1	....	2	....
Dunnville, t.	4	....	....	....	1	....	1	....	....	1	....	1	....
Caledonia, vl.	1	1	....	....	....	....	....	....	....	....	....	....	....
Hagersville, vl.	2	....	....	....	....	....	....	....	1	....	....	1	....
Haliburton	11	1	1	1	1	2	1	2	....	1	1	....	....
Rural	11	1	1	1	1	2	1	2	....	1	1	....	....
Halton	15	1	4	1	1	1	....	1	1	....	1	3	1
Rural	9	1	2	1	....	1	....	....	1	....	1	2	....
Urban	6	....	2	....	1	....	....	1	....	....	....	1	1
Burlington, t.	1	....	....	....	....	....	....	....	....	....	....	....	1
Georgetown, t.	....	....	....	....	....	....	....	....	....	....	....	....	....
Milton, t.	1	....	....	....	....	....	....	....	....	....	....	1	....
Oakville, t.	3	....	1	....	1	....	....	1	....	....	....	....	....
Acton, vl.	1	....	1	....	....	....	....	....	....	....	....	....	....
Hastings	79	16	5	6	6	9	3	3	4	6	11	8	2
Rural	48	12	4	4	3	5	1	2	1	3	5	6	2
Urban	31	4	1	2	3	4	2	1	3	3	6	2	....
Belleville, c.	18	2	1	....	....	4	1	1	2	2	3	2	....
Deseronto, t.	....	....	....	....	....	....	....	....	....	....	....	....	....
Trenton, t.	9	1	....	2	3	....	1	....	1	....	1	....	....
Madoc, vl.	3	....	....	....	....	....	....	....	....	1	2	....	....
Tweed, vl.	1	1	....	....	....	....	....	....	....	....	....	....	....
Huron	37	1	3	8	....	3	5	1	3	3	4	3	3
Rural	17	1	1	5	....	1	....	1	....	3	3	1	1
Urban	20	....	2	3	....	2	5	....	3	....	1	2	2
Clinton, t.	3	....	1	....	....	....	2	....	....	....	....	....	....
Goderich, t.	8	....	....	....	....	1	....	....	3	....	1	2	1
Seaforth, t.	3	....	....	1	....	1	1	....	....	....	....	....	....
Wingham, t.	3	....	1	1	....	....	....	....	....	....	....	....	1
Exeter, vl.	3	....	....	1	....	....	2	....	....	....	....	....	....
Kenora	35	5	4	1	2	1	4	6	4	....	4	1	3
Rural	9	2	3	1	....	....	1	....	1	....	1	....	....
Urban	26	3	1	....	2	1	3	6	3	....	3	1	3
Dryden, t.	6	1	....	....	1	....	2	....	....	....	1	....	1
Keewatin, t.	....	....	....	....	....	....	....	....	....	....	....	....	....
Kenora, t.	17	....	1	....	1	1	1	6	3	....	1	1	2
Sioux Lookout, t.	3	2	....	....	....	....	....	....	....	....	1	....	....
Kent	58	6	7	3	6	5	6	3	6	3	1	5	7
Rural	19	1	2	1	2	3	1	....	2	....	....	4	3
Urban	39	5	5	2	4	2	5	3	4	3	1	1	4
Chatham, c.	29	4	3	1	3	1	5	1	4	2	....	1	4
Blenheim, t.	1	....	....	1	....	....	....	....	....	....	....	....	....
Dresden, t.	2	....	....	....	....	....	....	1	....	....	1	....	....
Ridgetown, t.	3	....	2	....	....	....	....	1	....	....	....	....	....
Tilbury, t.	2	1	....	....	....	....	....	....	....	1	....	....	....
Wallaceburg, t.	2	....	....	....	1	1	....	....	....	....	....	....	....
Lambton	53	9	4	7	4	5	7	3	1	6	2	2	3
Rural	24	5	3	2	2	2	3	1	....	2	1	2	1
Urban	29	4	1	5	2	3	4	2	1	4	1	....	2
Sarnia, c.	22	3	1	5	....	2	3	2	1	3	1	....	1
Forest, t.	....	....	....	....	....	....	....	....	....	....	....	....	....
Petrolia, t.	6	1	....	....	2	1	....	....	....	1	....	....	1
Point Edward, vl.	1	....	....	....	....	....	1	....	....	....	....	....	....
Lanark	17	2	5	2	2	4	....	....	1	....	1	....	....
Rural	3	2	1	....	....	....	....	....	....	....	....	....	....
Urban	14	....	4	2	2	4	....	....	1	....	1	....	....
Almonte, t.	3	....	....	1	....	1	....	....	1	....	....	....	....
Carleton Place, t.	2	....	....	....	1	....	....	....	....	....	1	....	....
Perth, t.	4	....	3	....	....	1	....	....	....	....	....	....	....
Smiths Falls, t.	5	....	1	1	1	2	....	....	....	....	....	....	....
Leeds	25	5	2	4	3	....	1	2	3	....	1	1	3
Rural	17	4	2	4	2	....	1	....	....	....	1	1	2
Urban	8	1	....	....	1	....	....	2	3	....	....	....	1
Brockville, t.	7	1	....	....	1	....	....	1	3	....	....	....	1
Gananoque, t.	1	....	....	....	....	....	....	1	....	....	....	....	....
Lennox	2	1	....	....	....	1	....	....	....	....	....	....	....
Rural	1	....	....	....	....	1	....	....	....	....	....	....	....
Urban	1	1	....	....	....	....	....	....	....	....	....	....	....
Napanee, t.	1	1	....	....	....	....	....	....	....	....	....	....	....
Lincoln	34	4	2	2	2	3	2	3	2	2	2	7	3
Rural	10	3	....	....	....	....	1	2	2	....	....	2	....
Urban	24	1	2	2	2	3	1	1	....	2	2	5	3
St. Catharines, c.	19	1	1	2	1	1	1	1	....	2	2	4	3
Grimsby, t.	2	....	1	....	....	....	....	....	....	....	....	1	....
Merritton, t.	....	....	....	....	....	....	....	....	....	....	....	....	....
Niagara, t.	3	....	....	....	1	2	....	....	....	....	....	....	....
Beamsville, vl.	....	....	....	....	....	....	....	....	....	....	....	....	....
Port Dalhousie, vl.	....	....	....	....	....	....	....	....	....	....	....	....	....

Table 23—Deaths of Children under One Year (exclusive of Stillbirths) in the Province of Ontario, by Months, Classified as Rural and Urban, 1937—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Manitoulin	21	5	....	3	....	1	....	2	1	1	5	2	1
Rural	20	5	....	3	....	1	....	1	1	1	5	2	1
Urban	1	....	....	....	....	....	....	1	....	....	....	....	....
Little Current, t.	1	....	....	....	....	....	....	1	....	....	....	....	....
Middlesex	77	10	5	9	10	7	5	5	4	10	6	2	4
Rural	18	1	2	4	3	4	2	1	1	....	....	....	....
Rural	59	9	3	5	7	3	3	4	3	10	6	2	4
London, c.	54	7	2	5	6	3	3	4	3	10	5	2	4
Strathroy, t.	5	2	1	....	1	....	....	....	....	....	1	....	....
Muskoka	14	5	....	....	2	1	2	1	....	....	....	3	....
Rural	7	3	....	....	1	....	1	....	....	....	....	2	....
Urban	7	2	....	....	1	1	1	1	....	....	....	1	....
Bracebridge, t.	5	2	....	....	....	1	1	....	....	....	....	1	....
Gravenhurst, t.	1	....	....	....	....	....	....	1	....	....	....	....	....
Huntsville, t.	1	....	....	....	1	....	....	....	....	....	....	....	....
Nipissing	100	11	10	13	5	6	5	9	4	11	6	7	13
Rural	49	10	4	7	3	4	2	2	....	4	3	3	7
Urban	51	1	6	6	2	2	3	7	4	7	3	4	6
North Bay, c.	27	1	2	4	....	1	....	3	2	5	2	2	5
Mattawa, t.	7	....	2	1	....	....	2	1	1	....	....	....	....
Sturgeon Falls, t.	17	....	2	1	2	1	1	3	1	2	1	2	1
Norfolk	29	2	7	2	1	....	2	3	4	1	3	2	2
Rural	13	1	5	1	....	....	1	1	1	....	2	1	....
Urban	16	1	2	1	1	....	1	2	3	1	1	1	2
Simcoe, t.	12	....	2	....	....	....	1	2	3	1	....	1	2
Delhi, vl.	3	1	....	1	....	....	....	....	....	....	1	....	....
Port Dover, vl.	1	....	....	....	1	....	....	....	....	....	....	....	....
Waterford, vl.	....	....	....	....	....	....	....	....	....	....	....	....	....
Northumberland	16	1	5	2	1	....	1	....	....	....	2	2	2
Rural	8	1	4	1	....	....	1	....	....	....	....	1	....
Urban	8	....	1	1	1	....	....	....	....	....	2	1	2
Campbellford, t.	5	....	....	1	1	....	....	....	....	....	2	....	1
Cobourg, t.	3	....	1	....	....	....	....	....	....	....	....	1	1
Brighton, vl.	....	....	....	....	....	....	....	....	....	....	....	....	....
Ontario	58	12	7	5	4	4	3	7	4	5	1	1	5
Rural	23	4	4	3	2	1	....	3	1	2	....	1	2
Urban	35	8	3	2	2	3	3	4	3	3	1	....	3
Oshawa, c.	31	7	2	1	2	3	3	4	2	3	1	....	3
Uxbridge, t.	2	....	1	....	....	....	....	....	1	....	....	....	....
Whitby, t.	2	1	....	1	....	....	....	....	....	....	....	....	....
Port Perry, vl.	....	....	....	....	....	....	....	....	....	....	....	....	....
Oxford	48	7	4	3	3	3	4	8	4	4	4	2	2
Rural	12	....	2	....	....	....	2	5	1	....	2	....	....
Urban	36	7	2	3	3	3	2	3	3	4	2	2	2
Woodstock, c.	14	....	1	2	2	1	2	2	....	....	1	1	2
Ingersoll, t.	10	4	....	1	1	1	....	1	....	1	....	1	....
Tillsonburg, t.	11	2	1	....	....	1	....	....	3	3	1	....	....
Norwich, vl.	1	1	....	....	....	....	....	....	....	....	....	....	....
Tavistock, vl.	....	....	....	....	....	....	....	....	....	....	....	....	....
Parry Sound	33	6	4	3	1	3	1	3	1	6	1	2	2
Rural	25	6	3	3	....	3	1	2	1	4	....	....	2
Urban	8	....	1	....	1	....	....	1	....	2	1	2	....
Parry Sound, t.	8	....	1	....	1	....	....	1	....	2	1	2	....
Peel	16	3	3	1	3	....	....	1	1	....	2	1	1
Rural	10	1	2	1	2	....	....	1	....	....	1	1	1
Urban	6	2	1	....	1	....	....	....	1	....	1	....	....
Brampton, t.	6	2	1	....	1	....	....	....	1	....	1	....	....
Port Credit, vl.	....	....	....	....	....	....	....	....	....	....	....	....	....
Perth	42	5	6	3	5	3	3	5	....	3	4	2	3
Rural	21	3	3	1	2	3	2	1	....	2	2	1	1
Urban	21	2	3	2	3	....	1	4	....	1	2	1	2
Stratford, c.	18	2	2	1	2	....	1	4	....	1	2	1	2
Listowel, t.	3	....	1	1	1	....	....	....	....	....	....	....	....
Mitchell, t.	....	....	....	....	....	....	....	....	....	....	....	....	....
St. Mary's, t.	....	....	....	....	....	....	....	....	....	....	....	....	....
Peterborough	39	7	5	1	5	2	4	4	1	1	3	3	3
Rural	12	2	2	....	1	....	3	1	....	....	1	....	2
Urban	27	5	3	1	4	2	1	3	1	1	2	3	1
Peterborough, c.	27	5	3	1	4	2	1	3	1	1	2	3	1
Havelock, vl.	....	....	....	....	....	....	....	....	....	....	....	....	....
Lakefield, vl.	....	....	....	....	....	....	....	....	....	....	....	....	....
Prescott	75	7	4	7	9	5	8	10	4	10	7	1	3
Rural	43	5	3	6	2	3	2	8	2	8	1	....	3
Urban	32	2	1	1	7	2	6	2	2	2	6	1	....
Hawkesbury, t.	25	2	....	1	6	1	4	2	2	2	4	1	....
Vankleek Hill, t.	7	....	1	....	1	1	2	....	....	....	2	....	....
Prince Edward	19	3	1	....	3	1	1	....	....	2	1	3	4
Rural	8	2	....	....	1	1	....	....	....	1	....	3	....
Urban	11	1	1	....	2	....	1	....	....	1	1	....	4
Picton, t.	11	1	1	....	2	....	1	....	....	1	1	....	4
Rainy River	17	5	3	1	1	1	1	1	1	1	....	1	1
Rural	5	3	1	....	....	....	....	....	1	....	....	....	....
Urban	12	2	2	1	1	1	1	1	....	1	....	1	1
Fort Francis, t.	12	2	2	1	1	1	1	1	....	1	....	1	1
Rainy River, t.	....	....	....	....	....	....	....	....	....	....	....	....	....

Table 23—Deaths of Children under One Year (exclusive of Stillbirths) in the Province of Ontario, by Months, Classified as Rural and Urban, 1937—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Renfrew	71	8	6	4	5	4	6	4	10	9	7	2	6
Rural	33	3	4	3	2	1	3	2	5	2	3	1	4
Urban	38	5	2	1	3	3	3	2	5	7	4	1	2
Arnprior, t.	4						2		1		1		
Pembroke, t.	25	3	1		2	2	1	1	4	6	3		2
Renfrew, t.	7	2	1			1		1		1		1	
Barry's Bay, vl.	2			1	1								
Eganville, vl.													
Russell	37	3	6	3	2	1		6	2	3	3	4	4
Rural	30	1	5	3	2	1		6	1	2	2	4	3
Urban	7	2	1						1	1	1		1
Rockland, t.	7	2	1						1	1	1		1
Simcoe	84	6	13	9	5	9	10	5	6	8	5	5	3
Rural	29	3	5	4	2	4	3	1	3	1	2		1
Urban	55	3	8	5	3	5	7	4	3	7	3	5	2
Alliston, t.	4					1	1			1	1		
Barrie, t.	5			1			1	1		1		1	
Collingwood, t.	4	1		1		1						1	
Midland, t.	15	1	1	1	2	1	2	2	1	1		1	2
Orillia, t.	18	1	4	1	1	1	2	1	1	3	1	2	
Penetanguishene, t.	9		3	1		1	1		1	1	1		
Stayner, t.													
Victoria Harbour, vl.													
Stormont	76	12	5	9	4	7	7	4	8	4	4	6	6
Rural	24	6	1	3	1	2	3		2	2	1	1	2
Urban	52	6	4	6	3	5	4	4	6	2	3	5	4
Cornwall, t.	52	6	4	6	3	5	4	4	6	2	3	5	4
Sudbury	163	14	14	19	15	12	9	21	13	10	9	15	12
Rural	75	10	5	10	9	4	2	10	5	5	3	8	4
Urban	88	4	9	9	6	8	7	11	8	5	6	7	8
Sudbury, c.	80	4	7	7	4	8	7	10	8	5	6	7	7
Capreol, t.	4		1	2				1					
Coniston, t.	1		1										
Coppercliff, t.	3				2								1
Thunder Bay	48	6	5	5	5	5	3	4	1	1	4	3	6
Rural	14	3	1		1	1	1	2		1		2	2
Urban	34	3	4	5	4	4	2	2	1		4	1	4
Fort William, c.	14	1	2		1	3	2	1	1		1	1	1
Port Arthur, c.	20	2	2	5	3	1		1			3		3
Timiskaming	90	6	8	6	15	9	6	6	10	6	7	4	7
Rural	34	2	4		5	6	1	3	4	3	3	1	2
Urban	56	4	4	6	10	3	5	3	6	3	4	3	5
Cobalt, t.	3			1	2								
Haileybury, t.	6		1			1			1	1	1		1
New Liskeard, t.	2			1			1						
Kirkland Lake	45	4	3	4	8	2	4	3	5	2	3	3	4
Victoria	15	2		1		2	1	1	3	1	1	1	2
Rural	5					1	1	1				1	1
Urban	10	2		1		1			3	1	1		1
Lindsay, t.	10	2		1		1			3	1	1		1
Waterloo	58	5	6	7	4	4	7	4	5	1	5	3	7
Rural	15	2	4		2		3	1	1			2	
Urban	43	3	2	7	2	4	4	3	4	1	5	1	7
Galt, c.	7	1		2	1			1			1		1
Kitchener, c.	34	2	2	5	1	4	4	2	3	1	4		6
Elmira, t.													
Hespeler, t.	1								1				
Preston, t.	1											1	
Waterloo, t.													
New Hamburg, vl.													
Welland	59	5	4	14	4	4	4	5	3	3	5	3	5
Rural	19	2	3	2	1	1	1		1	2	3	1	2
Urban	40	3	1	12	3	3	3	5	2	1	2	2	3
Niagara Falls, c.	14			4	1	1	1	3	1		2		1
Welland, c.	15	2	1	5		1	2			1		2	1
Fort Erie, t.	5			3	1				1				
Port Colborne, t.	4	1			1			2					
Thorold, t.													
Chippawa, vl.													
Humberstone, vl.	2					1							1
Wellington	44	6	6	4	4	6	1	2	2	4	5	1	3
Rural	18	2	2		3	1	1		1	2	4	1	1
Urban	26	4	4	4	1	5		2	1	2	1		2
Guelph, c.	13	2	2	1		2		1		2	1		2
Harriston, t.													
Mount Forest, t.	3			1		1			1				
Palmerston, t.	4	1	2			1							
Arthur, vl.													
Elora, vl.	1					1							
Fergus, vl.	5	1		2	1			1					
Wentworth	115	7	13	7	11	6	9	13	14	15	7	5	8
Rural	7		1						1	1	1	1	2
Urban	108	7	12	7	11	6	9	13	13	14	6	4	6
Hamilton, c.	106	7	12	7	11	6	8	13	13	13	6	4	6
Dundas	2						1			1			

Table 23—Deaths of Children under One Year (exclusive of Stillbirths) in the Province of Ontario, by Months, Classified as Rural and Urban, 1937—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
York	552	54	48	55	59	37	29	51	39	47	33	54	46
Rural	55	11	1	6	6	3	4	2	3	3	1	7	8
Urban	497	43	47	49	53	34	25	49	36	44	32	47	38
Toronto, c.	472	41	45	44	52	33	24	48	33	40	30	44	38
Aurora, t.	2	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Long Branch, t.	3	.....	1	.....	.....	.....	.....	.....	.....	1	.....	1	.....
Mimico, t.	3	.....	.....	.....	.....	.....	.....	.....	2	.....	1	.....	.....
Newmarket, t.	5	.....	.....	3	.....	.....	.....	1	1	.....	.....	.....	.....
New Toronto, t.	4	2	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....
Weston, t.	3	.....	.....	.....	1	.....	.....	.....	.....	1	.....	1	.....
Forest Hill, vl.	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Markham, vl.	3	.....	.....	.....	.....	.....	1	.....	.....	1	.....	1	.....
Richmond Hill, vl.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stouffville, vl.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Swansea, vl.	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Patricia District	3	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rural	3	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....

Table 24—Total Deaths (exclusive of Stillbirths) and Deaths in Institutions of Children Under One Year of Age, Showing the Number Non-Resident in the Province of Ontario, 1937

	All Deaths under One Year						In Institutions					
	Total			Non-resident in Province			Total			Non-resident in Province		
	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
Total for the Province	3,382	1,902	1,480	16	8	8	1,632	908	724	14	7	7

Table 25—Total Deaths (exclusive of Stillbirths) and Deaths in Institutions of Cities, Towns and Villages of 5,000 and

Cities, Towns and Villages	All Deaths Under One Year												Deaths		
	Total			Residents			Non-resident in City, Town or Village where Death Occurred and						Total		
							Resident in Province			Non-resident in Province					
	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F
Cities:															
Belleville	18	11	7	9	7	2	9	4	5	.....	...	...	17	10	7
Brantford	31	10	21	22	7	15	9	3	6	.....	...	...	28	9	19
Chatham	29	16	13	13	5	8	16	11	5	.....	...	...	26	15	11
Fort William	14	6	8	14	6	8	.....	...	...	.....	...	...	9	3	6
Galt	7	4	3	2	1	1	5	3	2	.....	...	...	6	3	3
Guelph	13	9	4	8	7	1	5	2	3	.....	...	...	8	5	3
Hamilton	106	56	50	90	46	44	16	10	6	.....	...	...	85	48	37
Kingston	34	16	18	21	12	9	13	4	9	.....	...	...	28	12	16
Kitchener	34	20	14	24	13	11	10	7	3	.....	...	...	30	19	11
London	54	26	28	37	18	19	17	8	9	.....	...	...	43	22	21
Niagara Falls	14	11	3	10	8	2	4	3	1	.....	...	...	8	5	3
North Bay	27	12	15	20	8	12	7	4	3	.....	...	...	19	11	8
Oshawa	31	14	17	28	13	15	3	1	2	.....	...	...	16	8	8
Ottawa	255	127	128	201	104	97	46	21	25	8	2	6	218	111	107
Owen Sound	17	6	11	10	3	7	7	3	4	.....	...	...	11	5	6
Peterborough	27	11	16	20	6	14	7	5	2	.....	...	...	19	9	10
Port Arthur	20	11	9	17	10	7	3	1	2	.....	...	...	18	11	7
St. Catharines	19	12	7	9	3	6	10	9	1	.....	...	...	16	9	7
St. Thomas	10	9	1	7	6	1	3	3	...	.....	...	...	7	6	1
Sarnia	22	16	6	16	11	5	6	5	1	.....	...	...	14	12	2
Sault Ste. Marie	40	22	18	28	12	16	12	10	2	.....	...	...	20	13	7
Stratford	18	8	10	15	7	8	3	1	2	.....	...	...	11	5	6
Sudbury	80	43	37	56	28	28	24	15	9	.....	...	...	53	29	24
Toronto	472	268	204	336	183	153	136	85	51	.....	...	...	390	231	159
Welland	15	12	3	8	7	1	7	5	2	.....	...	...	12	9	3
Windsor	103	51	52	85	47	38	18	4	14	.....	...	...	70	28	42
Woodstock	14	5	9	11	4	7	3	1	2	.....	...	...	11	4	7
Towns:															
Barrie	5	1	4	3	1	2	2	...	2	.....	...	...	3	...	3
Brampton	6	5	1	1	1	...	5	4	1	.....	...	...	6	5	1
Brockville	7	5	2	6	4	2	1	1	...	.....	...	...	6	4	2
Cobourg	3	1	2	3	1	2	.....	...	...	.....	...	...	1	...	1
Collingwood	4	1	3	2	1	1	2	...	2	.....	...	...	4	1	3
Cornwall	52	28	24	38	22	16	13	5	8	1	1	...	39	20	19
Eastview	16	6	10	16	6	10	.....	...	...	.....	...	...	.....	...	...
Fort Erie	5	3	2	5	3	2	.....	...	...	.....	...	...	2	1	1
Fort Francis	12	8	4	12	8	4	.....	...	...	.....	...	...	.....	...	...
Hawkesbury	25	11	14	20	8	12	2	1	1	3	2	1	5	3	2
Ingersoll	10	7	3	7	5	2	3	2	1	.....	...	...	7	6	1
Kenora	17	11	6	12	7	5	4	3	1	1	1	...	13	9	4
Leamington	7	4	3	4	2	2	.....	...	...	.....	...	...	5	3	2
Lindsay	10	5	5	9	5	4	1	...	1	.....	...	...	8	4	4
Midland	15	8	7	11	7	4	4	1	3	.....	...	...	11	5	6
Mimico	3	2	1	3	2	1	.....	...	...	.....	...	...	1	1	...
New Toronto	4	3	1	4	3	1	.....	...	...	.....	...	...	.....	...	...
Orillia	18	8	10	8	2	6	10	6	4	.....	...	...	13	6	7
Pembroke	25	15	10	17	9	8	7	5	2	1	1	...	14	9	5
Port Colborne	4	2	2	4	2	2	.....	...	...	.....	...	...	.....	...	...
Preston	1	1	...	1	1	...	.....	...	...	.....	...	...	.....	...	...
Renfrew	7	3	4	3	2	1	4	1	3	.....	...	...	4	1	3
Riverside	1	1	...	1	1	...	.....	...	...	.....	...	...	.....	...	...
Simcoe	12	4	8	4	2	2	8	2	6	.....	...	...	11	3	8
Smiths Falls	5	3	2	2	2	...	3	1	2	.....	...	...	4	2	2
Timmins	74	51	23	67	46	21	7	5	2	.....	...	...	27	19	8
Trenton	9	6	3	9	6	3	.....	...	...	.....	...	...	.....	...	...
Waterloo	.....	...	...	.....	...	...	.....	...	...	.....	...	...	.....	...	...
Weston	3	...	3	2	...	2	1	...	1	.....	...	...	.....	...	...
Whitby	2	2	...	2	2	...	.....	...	...	.....	...	...	.....	...	...
Villages:															
Forest Hill	1	...	1	1	...	1	1	...	1	.....	...	...	.....	...	...
Swansea	1	1	...	1	1	...	.....	...	...	.....	...	...	.....	...	...
Kirkland Lake	45	20	25	39	18	21	.....	...	...	.....	...	...	26	11	15

Children under One Year of Age, Classified according to Residence of Decedents in Over, in the Province of Ontario, 1937

in Institutions									Deaths Elsewhere than in Institutions											
Residents			Mothers Non-resident in City, Town or Village Where Death Occurred and						Total			Residents			Mothers Non-resident in City, Town or Village Where Death Occurred and					
			Resident in Province			Non-resident in Province									Resident in Province			Non-resident in Province		
Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
8	6	2	9	4	5	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....
19	6	13	9	3	6	....	....	....	3	1	2	3	1	2	....	....	....	....	....	....
10	4	6	16	11	5	....	....	....	3	1	2	3	1	2	....	....	....	....	....	....
9	3	6	....	....	....	....	....	....	5	3	2	5	3	2	....	....	....	....	....	....
2	1	1	4	2	2	....	....	....	1	1	....	....	....	....	1	1	....	....	....	....
3	3	....	5	2	3	....	....	....	5	4	1	5	4	1	....	....	....	....	....	....
69	38	31	16	10	6	....	....	....	21	8	13	21	8	13	....	....	....	....	....	....
15	8	7	13	4	9	....	....	....	6	4	2	6	4	2	....	....	....	....	....	....
20	12	8	10	7	3	....	....	....	4	1	3	4	1	3	....	....	....	....	....	....
26	14	12	17	8	9	....	....	....	11	4	7	11	4	7	....	....	....	....	....	....
4	2	2	4	3	1	....	....	....	6	6	....	6	6	....	....	....	....	....	....	....
13	8	5	6	3	3	....	....	....	8	1	7	7	....	7	1	1	....	....	....	....
13	7	6	3	1	2	....	....	....	15	6	9	15	6	9	....	....	....	....	....	....
166	90	76	44	19	25	8	2	6	37	16	21	35	14	21	2	2	....	....	....	....
5	2	3	6	3	3	....	....	....	6	1	5	5	1	4	1	....	1	....	....	....
12	4	8	7	5	2	....	....	....	8	2	6	8	2	6	....	....	....	....	....	....
15	10	5	3	1	2	....	....	....	2	....	2	2	....	2	....	....	....	....	....	....
8	2	6	8	7	1	....	....	....	3	3	....	1	1	....	2	2	....	....	....	....
4	3	1	3	3	....	....	....	....	3	3	....	3	3	....	....	....	....	....	....	....
8	7	1	6	5	1	....	....	....	8	4	4	8	4	4	....	....	....	....	....	....
9	3	6	11	10	1	....	....	....	20	9	11	19	9	10	1	....	1	....	....	....
8	4	4	3	1	2	....	....	....	7	3	4	7	3	4	....	....	....	....	....	....
30	14	16	23	15	8	....	....	....	27	14	13	26	14	12	1	....	1	....	....	....
257	146	111	133	85	48	....	....	....	82	37	45	79	37	42	3	....	3	....	....	....
5	4	1	7	5	2	....	....	....	3	3	....	3	3	....	....	....	....	....	....	....
52	24	28	18	4	14	....	....	....	33	23	10	33	23	10	....	....	....	....	....	....
8	3	5	3	1	2	....	....	....	3	1	2	3	1	2	....	....	....	....	....	....
1	....	1	2	....	2	....	....	....	2	1	1	2	1	1	....	....	....	....	....	....
1	1	....	5	4	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	3	2	1	1	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....
1	....	1	....	....	....	....	....	....	2	1	1	2	1	1	....	....	....	....	....	....
2	1	1	2	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
25	14	11	13	5	8	1	1	....	13	8	5	13	8	5	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	16	6	10	16	6	10	....	....	....	....	....	....
2	1	1	....	....	....	....	....	....	3	2	1	3	2	1	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	12	8	4	12	8	4	....	....	....	....	....	....
1	1	....	2	1	1	2	1	1	20	8	12	19	7	12	....	....	....	1	1	....
4	4	....	3	2	1	....	....	....	3	1	2	3	1	2	....	....	....	....	....	....
8	5	3	4	3	1	1	1	....	4	2	2	4	2	2	....	....	....	....	....	....
2	1	1	3	2	1	....	....	....	2	1	1	2	1	1	....	....	....	....	....	....
7	4	3	1	....	1	....	....	....	2	1	1	2	1	1	....	....	....	....	....	....
7	4	3	4	1	3	....	....	....	4	3	1	4	3	1	....	....	....	....	....	....
1	1	....	....	....	....	....	....	....	2	1	1	2	1	1	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	4	3	1	4	3	1	....	....	....	....	....	....
5	1	4	8	5	3	....	....	....	5	2	3	3	1	2	2	1	1	....	....	....
8	4	4	5	4	1	1	1	....	11	6	5	9	5	4	2	1	1	....	....	....
....	....	....	....	....	....	....	....	....	4	2	2	4	2	2	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....
....	....	....	4	1	3	....	....	....	3	2	1	3	2	1	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....
3	1	2	8	2	6	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....
1	1	....	3	1	2	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....
20	14	6	7	5	2	....	....	....	47	32	15	47	32	15	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	9	6	3	9	6	3	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	3	....	3	2	....	2	1	....	1	....	....	....
....	....	....	....	....	....	....	....	....	2	2	....	2	2	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	1	....	1	1	....	1	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....
20	9	11	6	2	4	....	....	....	19	9	10	19	9	10	....	....	....	....	....	....

Table 26—Deaths of Children under One Year (exclusive of Stillbirths), by Age at Death, in the Province of Ontario, 1937

Ages		Total
All infants		3,382
	M.	1,902
	F.	1,480
Under 1 day		817
	M.	475
	F.	342
1 day		251
	M.	140
	F.	111
2 days		183
	M.	105
	F.	78
3 days		118
	M.	75
	F.	43
4 days		79
	M.	49
	F.	30
5 days		54
	M.	32
	F.	22
6 days		46
	M.	26
	F.	20
Under 1 week		1,548
	M.	902
	F.	646
1 week and under 2 weeks		178
	M.	97
	F.	81
2 weeks and under 3 weeks		104
	M.	54
	F.	50
3 weeks and under 1 month		101
	M.	47
	F.	54
Under 1 month		1,931
	M.	1,100
	F.	831
1 month and under 2 months		225
	M.	126
	F.	99
2 months and under 3 months		226
	M.	124
	F.	102
3 months and under 4 months		211
	M.	114
	F.	97
4 months and under 5 months		155
	M.	89
	F.	66
5 months and under 6 months		134
	M.	75
	F.	59
6 months and under 7 months		122
	M.	64
	F.	58
7 months and under 8 months		103
	M.	58
	F.	45
8 months and under 9 months		73
	M.	41
	F.	32
9 months and under 10 months		64
	M.	32
	F.	32
10 months and under 11 months		66
	M.	39
	F.	27
11 months and under 12 months		72
	M.	40
	F.	32

Table 27—Deaths of Children under One Year of Age (exclusive of Stillbirths) Classified According to Racial Origin of Decedents, in the Province of Ontario, 1937

Racial Origins	Total
All origins	3,382
English	1,072
Irish	477
Scottish	356
Welsh	10
French	782
Armenian	1
Austrian	10
Belgian	6
Bulgarian	4
Chinese	5
Czech and Slovak	14
Danish	5
Dutch	42
Finish	22
German	144
Greek	5
Hindu	1
Hungarian	18
Icelandic	...
Indian	113
Italian	45
Japanese	...
Jewish	25
Negro	9
Norwegian	2
Polish	61
Roumanian	11
Russian	15
Serb and Croat	16
Swedish	20
Swiss	2
Syrian	5
Ukrainian*	30
Other	3
Not specified	51

*Including "Galician" and "Bukovinian."

Table 28—Deaths of Children under One Year of Age (exclusive of Stillbirths) Classified According to Birthplaces of Parents, in the Province of Ontario, 1937

BIRTHPLACE OF FATHER	Total Fathers	BIRTHPLACE OF MOTHER																																				
		Canada										British Isles					British Possessions		Europe															Asia					
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland	Wales	Other	Newfoundland	Other	Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia*	Sweden	Other	China	Japan	Other	United States	Various	Not specified
Canada	2,525	...	9	7	241	1982	20	21	9	5	31	76	19	34	1	...	3	3	1	1	...	1	1	1	...	...	1	...	2	...	1	2	...	...	...	1	48	1	3
Prince Edward Island	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Nova Scotia	15	...	6	...	1	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New Brunswick	15	...	...	2	4	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Quebec	246	...	...	1	133	103	1	2	1	...	...	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Ontario	2,164	...	3	4	100	1835	10	17	7	3	3	70	18	31	1	...	2	3	1	1	...	1	1	1	...	...	1	...	1	...	1	2	...	...	...	1	44	...	2
Manitoba	22	...	...	...	1	12	7	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Saskatchewan	16	...	...	...	...	11	...	2	1	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alberta	7	...	...	...	2	3	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
British Columbia	2	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Province not specified	37	...	...	...	...	2	1	...	...	...	28	2	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
British Isles	350	...	2	...	9	170	2	3	...	1	11	76	18	39	4	1	...	1	...	...	...	2	...	...	...	...	...	...	1	...	...	...	...	...	...	...	10	...	...
England	221	...	1	...	7	119	1	2	...	...	10	54	6	11	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...
Ireland	44	...	...	...	2	17	...	1	...	1	1	7	9	5	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scotland	77	...	1	...	...	34	1	...	...	...	...	11	3	23	...	...	...	1	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...
Wales	8	...	...	...	...	...	...	...	...	...	...	4	...	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Other	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
British Possessions	8	...	...	...	...	4	...	...	...	...	...	2	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Newfoundland	7	...	...	...	...	3	...	...	...	...	...	2	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Europe	250	...	...	1	5	49	2	2	1	...	4	4	...	3	...	...	...	...	6	3	1	15	...	3	2	13	17	...	51	5	17	4	37	...	...	...	5	...	...
Austria	8	...	...	...	...	2	...	...	1	...	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Belgium	4	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Denmark	3	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Finland	18	...	...	...	...	5	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
France	4	...	...	...	1	2	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Germany	7	...	...	...	...	5	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Holland	5	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hungary	17	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	13	...	...	...	...	...	...	...	...	...	...	2	...	...
Italy	33	...	...	...	1	13	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	17	...	...	...	...	...	...	...	...	...	...	...	...
Norway	2	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
Poland	56	...	...	...	...	4	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	47	1	...	...	2	...	...	...	1	...	...
Roumania	10	...	...	...	...	1	...	2	...	...	...	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	...
Russia*	29	...	...	...	3	2	1	...	...	...	...	1	...	1	...	...	...	...	1	...	...	...	...	1	...	...	...	...	2	...	17	...	...	...	...	...	...	...	...

Sweden	11	...	...	1	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	3	...	..	..	..	1	..	..
Other	43	...	...	...	...	3	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	2	...	...	...	35	..	..	..	..	..	..
Asia	7	...	...	...	...	3	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	2	1	..	..
China	4	...	...	...	...	3	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	..	..
Japan	.....	...	...	...	...	....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	..	..
Other	3	...	...	...	...	....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	2	1	..	..
United States	66	...	...	...	7	42	...	1	...	...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	..	..	..	9	..	..
Various	.....	...	...	...	...	....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	..	..
Not specified	176	...	...	2	12	129	2	2	1	...	4	9	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	..	..	..	..	..	12
Total Mothers	3,382	...	11	10	274	2379	26	30	11	6	53	170	37	78	5	1	4	4	7	4	1	18	1	4	2	14	18	...	55	5	19	6	37	..	..	3	73	1	15

*Including the Ukraine.

Table 29—Deaths of Children (exclusive of Stillbirths) from Certain Specified Causes in First Year of Life by Sex and Calendar Month of Death, Ontario, 1937

CAUSES OF DEATH	Total under 1 year			MONTH OF DEATH																							
				Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Total	M.	F.	M.	F.	M.	F.	M.	F	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
ALL CAUSES. **Total**	**3,382**	**1902**	**1480**	**221**	**162**	**169**	**136**	**195**	**136**	**162**	**119**	**145**	**109**	**126**	**96**	**156**	**127**	**134**	**125**	**154**	**131**	**156**	**119**	**135**	**113**	**149**	**107**
7. Measles	6	4	2	....	....	....	1	2	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
9. Whooping-cough	59	30	29	3	3	4	....	6	4	1	5	1	2	1	3	3	1	3	3	2	3	3	1	1	3	2	1
10. Diphtheria	6	....	6	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	1	....	2	....	....
11. Influenza	131	85	46	24	8	26	15	14	8	4	5	1	2	1	3	....	....	1	1	3	2	2	1	4	....	5	1
13 Dysentery	7	3	4	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	1	2	1	....	1	....	....	....	....
15. Erysipelas	7	5	2	1	1	....	....	2	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
16. Poliomyelitis and polioencephalitis (acute)	3	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	1	....	....	....	....	....	....	....
18. Epidemic cerebrospinal meningitis	4	3	1	....	....	....	....	1	....	....	1	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....
23. Tuberculosis of the respiratory system	7	3	4	....	....	....	....	....	1	....	....	....	1	....	....	....	1	....	1	1	....	....	....	1	....	1	....
24. Tuberculosis of the meninges and central nervous system	10	6	4	....	....	....	2	....	....	1	1	....	....	....	....	3	....	....	....	....	....	2	1	....	....	....	....
25–32. Tuberculosis, other forms	2	1	1	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
34. Syphilis	20	13	7	....	2	....	1	1	1	....	....	3	1	3	1	1	....	....	....	....	....	2	1	2	....	1	....
67. Diseases of the thymus gland	53	32	21	3	6	3	....	5	1	2	1	3	2	5	1	....	4	2	2	2	1	2	....	2	2	3	1
79. Simple meningitis	12	8	4	1	....	1	....	....	....	....	....	1	....	2	1	....	1	1	....	1	1	....	....	1	1	....	....
86. Convulsions	21	20	1	1	1	1	....	3	....	1	....	5	....	2	....	2	....	1	....	1	....	2	....	1	....	....	....
89. Diseases of the ear and mastoid process	17	10	7	2	2	....	....	2	3	2	....	....	1	....	....	....	....	....	....	....	....	....	....	2	1	2	....
106. Bronchitis	6	3	3	1	1	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	1	....	....
107. Bronchopneumonia	277	156	121	36	24	27	19	20	13	13	6	9	6	4	8	3	5	7	4	5	6	9	9	8	10	15	11
108, 109. Pneumonia	108	55	53	17	10	6	6	9	3	8	....	3	6	....	2	1	2	1	1	1	4	4	8	2	3	3	8
115. Diseases of the buccal cavity and annexa and of the pharynx and tonsils (including adenoid vegetations)	4	4	....	....	....	....	....	1	....	1	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....
116–118. Diseases of the stomach	15	8	7	1	1	....	....	2	1	....	....	1	....	....	....	1	3	2	....	....	....	....	....	....	1	1	1
119. Diarrhoea and enteritis	360	197	163	7	8	4	7	6	4	11	10	6	3	9	7	16	15	29	28	56	43	31	24	10	8	12	6
122. Hernia, intestinal obstruction	20	16	4	1	....	1	....	1	....	2	1	3	1	1	....	....	1	....	....	....	....	2	....	1	....	4	1
130. Nephritis	4	3	1	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	1	....
157. Malformations	428	225	203	15	17	18	23	16	22	18	18	23	8	17	15	20	14	20	23	13	20	27	15	18	17	20	11
(A) Congenital hydrocephalus	50	24	26	1	....	....	1	1	2	1	4	3	2	4	2	4	1	....	4	3	1	....	4	2	3	5	2
(C) Congenital malformations of the heart	150	88	62	7	4	8	10	9	8	5	5	8	2	7	3	7	6	7	4	5	8	11	4	6	5	8	3
(B, D, E) Others under this title	228	113	115	7	13	10	12	6	12	12	9	12	4	6	10	9	7	13	15	5	11	16	7	10	9	7	6
158. Congenital debility	100	50	50	5	6	....	2	4	8	4	6	5	7	7	5	5	5	5	....	1	....	5	3	2	4	7	4
159. Premature birth	1044	588	456	65	40	44	34	54	40	51	38	55	39	49	33	54	48	34	37	41	32	41	29	51	45	49	41

160. Injury at birth......................	259	153	106	20	7	8	13	20	6	15	14	8	13	12	5	21	12	14	9	11	8	10	8	4	4	10	7
161. Other diseases peculiar to early infancy (under 3 months).............	215	134	81	6	8	13	6	16	11	15	7	12	6	10	6	18	11	9	6	10	6	8	5	12	4	5	5
(A-E) Specified diseases...............	207	131	76	5	7	12	5	16	11	15	7	12	6	9	6	18	11	9	5	10	4	8	5	12	4	5	5
(F) No cause given, no doctor in attendance........................	8	3	5	1	1	1	1	....	....	....	....	....	....	1	....	....	....	....	1	....	2	....	....	....	....	....	....
173-175. Homicide.....................	10	4	6	1	....	....	1	....	1	....	....	....	2	....	....	1	1	....	....	....	....	....	1	1	....	1	....
176-198. Other external causes...........	59	25	34	2	6	4	2	2	2	5	2	2	1	....	1	2	2	....	4	....	2	2	6	2	2	4	4
Other specified causes...........	97	49	48	5	10	8	2	8	5	6	2	2	4	2	4	2	1	2	4	3	2	2	5	6	5	3	4
199-200. Unspecified or ill-defined causes..	11	6	5	2	1	....	....	....	....	1	1	....	2	....	....	....	....	1	....	....	....	1	....	1	....	....	1

Table 30—Deaths of Children (exclusive of Stillbirths) from Certain Specified

CAUSES OF DEATH	Total	Total under 1 year		Under 1 day		1 day & under 1 week		1 week & under 2 weeks		2 weeks & under 3 weeks	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
ALL CAUSES. **Total**	**3,382**	**1,902**	**1,480**	**475**	**342**	**427**	**304**	**97**	**81**	**54**	**50**
7. Measles	6	4	2	....	....	....	....	....	....	....	....
9. Whooping-cough	59	30	29	....	....	....	....	1	....	....	....
10. Diphtheria	6	......	6	....	....	....	....	....	....	....	....
11. Influenza	131	85	46	....	....	2	1	1	2	4	1
13. Dysentery	7	3	4	....	....	....	....	....	....	....	....
15. Erysipelas	7	5	2	....	....	....	....	1	....	1	....
16. Poliomyelitis and polioencephalitis (acute)	3	3	......	....	....	....	....	....	....	....	....
18. Epidemic cerebrospinal meningitis	4	3	1	....	....	....	....	1	....	....	....
23. Tuberculosis of the respiratory system	7	3	4	....	....	....	....	....	....	....	....
24. Tuberculosis of the meninges and central nervous system	10	6	4	....	....	....	....	....	....	....	....
25–32. Tuberculosis, other forms	2	1	1	....	....	....	....	....	....	....	....
34. Syphilis	20	13	7	2	....	3	1	....	....	....	1
67. Diseases of the thymus gland	53	32	21	....	1	11	3	2	1	2	1
79. Simple meningitis	12	8	4	....	....	2	....	....	1	....	....
86. Convulsions	21	20	1	....	....	8	1	2	....	....	....
89. Diseases of the ear and mastoid process	17	10	7	....	....	....	....	....	....	....	....
106. Bronchitis	6	3	3	....	1	....	....	....	....	....	....
107. Bronchopneumonia	277	156	121	1	....	6	4	2	2	4	7
108, 109. Pneumonia	108	55	53	2	....	5	1	2	4	1	2
115. Diseases of the buccal cavity and annexa and of the pharynx and tonsils (including adenoid vegetations)	4	4	......	....	....	....	....	....	....	....	....
116–118. Diseases of the stomach	15	8	7	....	....	2	1	1	....	....	1
119. Diarrhoea and enteritis	360	197	163	....	....	1	1	3	9	3	3
122. Hernia, intestinal obstruction	20	16	4	....	....	....	....	....	....	1	....
130. Nephritis	4	3	1	....	....	....	1	....	....	....	....
157. Malformations	428	225	203	40	35	56	43	20	21	14	9
(A) Congenital hydrocephalus	50	24	26	6	6	3	1	....	5	2	....
(C) Congenital malformations of the heart	150	88	62	15	8	28	20	8	2	3	3
(B, D, E) Others under this title	228	113	115	19	21	25	22	12	14	9	6
158. Congenital debility	100	50	50	10	8	19	14	4	4	....	1
159. Premature birth	1,044	588	456	316	221	171	144	33	19	11	15
150. Injury at birth	259	153	106	67	45	72	48	6	9	2	1
161. Other diseases peculiar to early infancy (under 3 months)	215	134	81	33	22	61	32	15	9	8	7
(A-E) Specified diseases	207	131	76	32	21	60	31	15	8	8	7
(F) No cause given, no doctor in attendance	8	3	5	1	1	1	1	....	1	....	....
173–175. Homicide	10	4	6	3	5	1	....	....	....	....	....
176–198. Other external causes	59	25	34	....	....	3	2	1	....	1	....
Other specified causes	97	49	48	....	1	3	6	2	....	2	1
199, 200. Unspecified or ill-defined causes	11	6	5	1	3	1	1	....	....	....	....

Causes in First Year of Life, by Sex and Age at Death, Ontario, 1937

AGE AT DEATH

3 weeks & under 1 month		1 month & under 2 months		2 months & under 3 months		3 months & under 4 months		4 months & under 5 months		5 months & under 6 months		6 months & under 7 months		7 months & under 8 months		8 months & under 9 months		9 months & under 10 months		10 months & under 11 months		11 months & under 12 months	
Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
47	**54**	**126**	**99**	**124**	**102**	**114**	**97**	**89**	**66**	**75**	**59**	**64**	**58**	**58**	**45**	**41**	**32**	**32**	**32**	**39**	**27**	**40**	**32**
....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	1	....	....	...	...	1	...	2	...
....	....	1	4	3	5	3	4	5	1	3	3	3	2	2	1	1	2	3	2	2	4	3	1
....	2	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	...	...	...	1	...	1
3	1	12	8	5	8	7	7	3	5	7	2	6	3	10	1	9	3	2	1	10	2	4	1
....	....	....	....	....	....	....	....	....	....	....	....	2	2	1	....	....	....	...	...	...	...	...	2
1	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	...	...	...	...	...
....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	...	...	...	...	1	...
....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	1	...	...	...	...	...
....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	2	1	....	1	...	...	...	1	1
....	....	....	....	1	....	1	1	....	1	1	1	....	1	2	....	....	....	1	...	...	...	...	...
....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	...	...	...	...	...	...
....	....	4	1	1	2	1	1	1	....	1	....	....	....	....	....	....	....	...	...	...	1	...	...
1	1	1	1	2	3	5	3	3	4	....	1	1	....	1	....	1	....	1	1	...	...	1	1
1	....	....	....	....	1	....	1	1	....	....	....	....	....	1	1	1	....	...	...	2	...	...	...
....	....	2	....	2	....	2	....	....	....	....	....	2	....	....	....	....	....	1	...	...	...	1	...
....	....	....	....	1	....	1	1	3	2	2	1	....	1	2	....	....	....	1	2	...	...	...	...
....	....	....	....	....	....	....	....	1	....	....	....	2	1	....	....	....	....	...	...	...	1	...	...
6	9	16	7	23	8	22	14	19	12	13	14	11	9	6	4	6	9	7	6	9	6	5	10
2	2	6	4	12	4	4	9	5	4	6	5	3	8	1	4	2	4	1	...	1	...	2	2
....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	...	...	1	...	1	...
1	1	1	1	1	1	....	1	....	1	2	....	....	....	....	....	....	....	...	...	...	...	...	...
4	4	22	14	24	21	34	26	20	23	20	17	19	13	17	11	9	5	6	8	8	3	7	5
....	....	....	....	....	....	2	....	3	....	5	1	2	2	1	....	1	....	1	...	...	...	...	1
....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	...	...	...	...	1	...
9	12	22	24	13	14	14	8	9	6	6	7	3	9	6	9	4	2	3	1	1	3	5	...
1	3	3	2	1	....	....	....	2	1	1	2	....	1	3	4	1	1	...	...	...	...	1	...
....	1	9	5	5	5	5	6	3	1	....	2	2	3	2	3	2	....	2	...	1	3	3	...
8	8	10	17	7	9	9	2	4	4	5	3	1	5	1	2	1	1	1	1	...	...	1	...
5	3	3	3	4	9	2	4	2	....	1	....	....	1	....	1	....	....	...	...	...	1	...	1
12	12	22	19	10	10	5	6	6	3	2	2	....	....	....	2	....	1	...	...	...	2	...	...
....	1	....	....	1	1	1	....	....	....	....	1	2	....	1	....	1	....	...	...	...	...	...	...
2	4	7	3	8	4	....	....	....	....	....	....	....	....	....	....	....	....	...	...	...	...	...	...
2	4	7	3	7	2	....	....	....	....	....	....	....	....	....	....	....	....	...	...	...	...	...	...
....	....	....	....	1	2	....	....	....	....	....	....	....	....	....	....	....	....	...	...	...	...	...	...
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	...	...	...	...	...
....	1	4	6	5	8	4	4	3	3	....	....	1	1	1	4	1	1	...	2	...	...	1	2
....	....	3	2	5	3	3	5	3	....	4	3	6	3	4	4	3	4	2	9	4	3	5	4
....	....	....	....	1	....	....	....	....	....	2	....	....	....	1	....	....	1	...	...	...	...	...	...

Table 31—Total Deaths (exclusive of Stillbirths) and Deaths in Institutions, Showing the Number Non-Resident in the Province of Ontario, 1937

	All Deaths						In Institutions					
	Total			Non-resident in Province			Total			Non-resident in Province		
	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
Total for the Province....	38,475	20,690	17,785	197	140	57	14,190	8,159	6,031	136	89	47

Table 32—Total Deaths (exclusive of Stillbirths) and Deaths in in Cities, Towns and Villages of

Cities and Towns	All Deaths												Deaths		
	Total			Residents			Non-resident in City, Town or Village where Death Occurred and						Total		
							Resident in Province			Non-resident in Province					
	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
Cities:															
Belleville	235	129	106	147	84	63	88	45	43	....	....	....	140	80	60
Brantford	393	205	188	343	176	167	50	29	21	....	....	....	192	112	80
Chatham	318	173	145	184	97	87	134	76	58	....	....	....	205	119	86
Fort William	225	135	90	179	102	77	45	32	13	1	1	....	140	92	48
Galt	169	82	87	135	61	74	34	21	13	....	....	....	83	50	33
Guelph	236	108	128	175	80	95	58	26	32	3	2	1	123	60	63
Hamilton	1641	859	782	1442	739	703	198	120	78	1	....	1	845	462	383
Kingston	473	249	224	309	161	148	164	88	76	....	....	....	283	149	134
Kitchener	391	213	178	287	159	128	104	54	50	....	....	....	223	122	101
London	1081	532	549	806	378	428	274	153	121	1	1	....	640	336	304
Niagara Falls	209	105	104	165	81	84	44	24	20	....	....	....	109	55	54
North Bay	188	101	87	139	72	67	46	27	19	3	2	1	109	65	44
Oshawa	236	123	113	206	106	100	30	17	13	....	....	....	100	59	41
Ottawa	1870	950	920	1546	771	775	251	137	114	73	42	31	1167	636	531
Owen Sound	206	101	105	152	72	80	54	29	25	....	....	....	94	51	43
Peterborough	361	191	170	275	140	135	86	51	35	....	....	....	203	121	82
Port Arthur	221	138	83	162	99	63	58	38	20	1	1	....	163	106	57
St. Catharines	322	179	143	242	129	113	79	49	30	1	1	....	168	93	75
St. Thomas	268	139	129	202	101	101	66	38	28	....	....	....	156	89	67
Sarnia	236	128	108	187	97	90	49	31	18	....	....	....	113	68	45
Sault Ste. Marie	262	150	112	212	115	97	49	34	15	1	1	....	130	75	55
Stratford	222	101	121	175	81	94	47	20	27	....	....	....	92	45	47
Sudbury	313	191	122	207	125	82	105	66	39	1	....	1	206	130	76
Toronto	7049	3719	3330	5972	3076	2896	1064	634	430	13	9	4	3712	2156	1556
Welland	172	100	72	105	58	47	66	41	25	1	1	....	100	63	37
Windsor	979	504	475	822	434	388	155	69	86	2	1	1	547	290	257
Woodstock	191	98	93	139	69	70	52	29	23	....	....	....	96	55	41
Towns:															
Barrie	118	60	58	86	47	39	30	12	18	2	1	1	60	29	31
Brampton	80	52	28	47	26	21	33	26	7	....	....	....	44	34	10
Brockville	193	98	95	130	56	74	63	42	21	....	....	....	126	66	60
Cobourg	121	50	71	104	40	64	17	10	7	....	....	....	41	16	25
Collingwood	102	56	46	74	38	36	27	17	10	1	1	....	41	20	21
Cornwall	269	150	119	184	104	80	81	43	38	4	3	1	185	104	81
Eastview	42	17	25	42	17	25	....	....	....	....	....	....	....	....	....
Fort Erie	62	31	31	46	25	21	16	6	10	....	....	....	27	13	14
Fort Francis	52	38	14	37	24	13	12	11	1	3	3	....	17	16	1
Hawkesbury	84	45	39	63	32	31	14	7	7	7	6	1	23	15	8
Ingersoll	80	48	32	64	37	27	16	11	5	....	....	....	34	24	10
Kenora	97	60	37	63	37	26	31	20	11	3	3	....	76	48	28
Leamington	72	42	30	57	32	25	15	10	5	....	....	....	22	14	8
Lindsay	138	81	57	95	50	45	43	31	12	....	....	....	68	46	22
Midland	112	58	54	85	48	37	27	10	17	....	....	....	43	20	23
Mimico	29	15	14	23	12	11	6	3	3	....	....	....	3	3	....
New Toronto	162	89	73	33	13	20	128	75	53	1	1	....	132	76	56
Orillia	144	87	57	97	56	41	47	31	16	....	....	....	77	49	28
Pembroke	168	107	61	107	62	45	52	36	16	9	9	....	100	71	29
Port Colborne	38	25	13	37	24	13	1	1	....	....	....	....	....	....	....
Preston	42	19	23	37	16	21	5	3	2	....	....	....	1	1	....
Renfrew	79	43	36	54	28	26	24	14	10	1	1	....	27	15	12
Riverside	21	12	9	20	12	8	1	....	1	....	....	....	....	....	....
Simcoe	123	59	64	80	39	41	43	20	23	....	....	....	59	31	28
Smiths Falls	110	55	55	84	42	42	26	13	13	....	....	....	42	23	19
Timmins	219	141	78	189	120	69	30	21	9	....	....	....	97	61	36
Trenton	59	36	23	54	32	22	4	3	1	1	1	....	....	....	....
Waterloo	45	20	25	42	19	23	3	1	2	....	....	....	....	....	....
Weston	32	12	20	29	12	17	3	....	3	....	....	....	1	....	1
Whitby	150	66	84	46	24	22	102	41	61	2	1	1	123	52	71
Villages:															
Forest Hill	42	22	20	38	20	18	3	1	2	1	1	....	....	....	....
Swansea	32	11	21	30	10	20	2	1	1	....	....	....	....	....	....
Kirkland Lake	133	69	64	107	55	52	25	13	12	1	1	....	77	38	39

Institutions, Classified according to Residence of Decedents 5,000 Population and Over, 1937

in Institutions									Deaths Elsewhere than in Institutions												
Residents			Non-resident in City, Town or Village where Death Occurred and						Total			Residents			Non-resident in City, Town or Village where Death Occurred and						
			Resident in Province			Non-resident in Province									Resident in Province			Non-resident in Province			
Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
53	35	18	87	45	42	....	....	....	95	49	46	94	49	45	1	....	1	....	....	....
147	85	62	45	27	18	....	....	....	201	93	108	196	91	105	5	2	3	....	....	....
79	46	33	126	73	53	....	....	....	113	54	59	105	51	54	8	3	5	....	....	....
100	61	39	39	30	9	1	1	....	85	43	42	79	41	38	6	2	4	....	....	....
52	31	21	31	19	12	....	....	....	86	32	54	83	30	53	3	2	1	....	....	....
71	33	38	49	25	24	3	2	1	113	48	65	104	47	57	9	1	8	....	....	....
659	348	311	185	114	71	1	....	1	796	397	399	783	391	392	13	6	7	....	....	....
140	73	67	143	76	67	....	....	....	190	100	90	169	88	81	21	12	9	....	....	....
129	75	54	94	47	47	....	....	....	168	91	77	158	84	74	10	7	3	....	....	....
376	185	191	263	150	113	1	1	....	441	196	245	430	193	237	11	3	8	....	....	....
70	33	37	39	22	17	....	....	....	100	50	50	95	48	47	5	2	3	....	....	....
64	37	27	43	26	17	2	2	....	79	36	43	75	35	40	3	1	2	1	....	1
72	44	28	28	15	13	....	....	....	136	64	72	134	62	72	2	2	....	....	....	....
861	468	393	235	128	107	71	40	31	703	314	389	685	303	382	16	9	7	2	2	....
48	24	24	46	27	19	....	....	....	112	50	62	104	48	56	8	2	6	....	....	....
120	71	49	83	50	33	....	....	....	158	70	88	155	69	86	3	1	2	....	....	....
108	71	37	54	34	20	1	1	....	58	32	26	54	28	26	4	4	....	....	....	....
97	49	48	70	43	27	1	1	....	154	86	68	145	80	65	9	6	3	....	....	....
94	52	42	62	37	25	....	....	....	112	50	62	108	49	59	4	1	3	....	....	....
69	40	29	44	28	16	....	....	....	123	60	63	118	57	61	5	3	2	....	....	....
88	45	43	42	30	12	....	....	....	132	75	57	124	70	54	7	4	3	1	1	....
49	27	22	43	18	25	....	....	....	130	56	74	126	54	72	4	2	2	....	....	....
107	68	39	98	62	36	1	....	1	107	61	46	100	57	43	7	4	3	....	....	....
2716	1554	1162	985	595	390	11	7	4	3337	1563	1774	3256	1522	1734	79	39	40	2	2	....
36	23	13	63	39	24	1	1	....	72	37	35	69	35	34	3	2	1	....	....	....
400	225	175	145	64	81	2	1	1	432	214	218	422	209	213	10	5	5	....	....	....
44	26	18	52	29	23	....	....	....	95	43	52	95	43	52	....	....	....	....	....	....
33	17	16	25	11	14	2	1	1	58	31	27	53	30	23	5	1	4	....	....	....
12	9	3	32	25	7	....	....	....	36	18	18	35	17	18	1	1	....	....	....	....
75	32	43	51	34	17	....	....	....	67	32	35	55	24	31	12	8	4	....	....	....
30	10	20	11	6	5	....	....	....	80	34	46	74	30	44	6	4	2	....	....	....
19	7	12	22	13	9	....	....	....	61	36	25	55	31	24	5	4	1	1	1	....
104	61	43	78	41	37	3	2	1	84	46	38	80	43	37	3	2	1	1	1	....
....	....	....	....	....	....	....	....	....	42	17	25	42	17	25	....	....	....	....	....	....
14	8	6	13	5	8	....	....	....	35	18	17	32	17	15	3	1	2	....	....	....
6	5	1	9	9	....	2	2	....	35	22	13	31	19	12	3	2	1	1	1	....
5	4	1	12	6	6	6	5	1	61	30	31	58	28	30	2	1	1	1	1	....
21	15	6	13	9	4	....	....	....	46	24	22	43	22	21	3	2	1	....	....	....
46	28	18	28	18	10	2	2	....	21	12	9	17	9	8	3	2	1	1	1	....
9	6	3	13	8	5	....	....	....	50	28	22	48	26	22	2	2	....	....	....	....
26	15	11	42	31	11	....	....	....	70	35	35	69	35	34	1	....	1	....	....	....
21	12	9	22	8	14	....	....	....	69	38	31	64	36	28	5	2	3	....	....	....
1	1	....	2	2	....	....	....	....	26	12	14	22	11	11	4	1	3	....	....	....
4	1	3	127	74	53	1	1	....	30	13	17	29	12	17	1	1	....	....	....	....
35	21	14	42	28	14	....	....	....	67	38	29	62	35	27	5	3	2	....	....	....
47	32	15	44	30	14	9	9	....	68	36	32	60	30	30	8	6	2	....	....	....
....	....	....	....	....	....	....	....	....	38	25	13	37	24	13	1	1	....	....	....	....
....	....	....	1	1	....	....	....	....	41	18	23	37	16	21	4	2	2	....	....	....
10	4	6	17	11	6	....	....	....	52	28	24	44	24	20	7	3	4	1	1	....
....	....	....	....	....	....	....	....	....	21	12	9	20	12	8	1	....	1	....	....	....
19	11	8	40	20	20	....	....	....	64	28	36	61	28	33	3	....	3	....	....	....
17	10	7	25	13	12	....	....	....	68	32	36	67	32	35	1	....	1	....	....	....
72	43	29	25	18	7	....	....	....	122	80	42	117	77	40	5	3	2	....	....	....
....	....	....	....	....	....	....	....	....	59	36	23	54	32	22	4	3	1	1	1	....
....	....	....	....	....	....	....	....	....	45	20	25	42	19	23	3	1	2	....	....	....
....	....	....	1	....	1	....	....	....	31	12	19	29	12	17	2	....	2	....	....	....
21	11	10	100	40	60	2	1	1	27	14	13	25	13	12	2	1	1	....	....	....
....	....	....	....	....	....	....	....	....	42	22	20	38	20	18	3	1	2	1	1	....
....	....	....	....	....	....	....	....	....	32	11	21	30	10	20	2	1	1	....	....	....
53	25	28	23	12	11	1	1	....	56	31	25	54	30	24	2	1	1	....	....	....

Table 33—Deaths (exclusive of Stillbirths) by Single Years of Age and by Age Groups in the Province of Ontario, 1937

AGES	TOTAL FOR PROVINCE		
	Total	Male	Female
All ages	38,475	20,690	17,785
Under 1 year	3,382	1,902	1,480
1 year	407	210	197
2 years	185	96	89
3 “	162	95	67
4 “	118	65	53
Total under 5 years	4,254	2,368	1,886
5 years	94	53	41
6 “	109	61	48
7 “	78	47	31
8 “	63	39	24
9 “	82	49	33
Total 5-9 years	426	249	177
10 years	73	52	21
11 “	52	33	19
12 “	91	54	37
13 “	80	48	32
14 “	97	60	37
Total 10-14 years	393	247	146
15 years	94	56	38
16 “	103	61	42
17 “	92	51	41
18 “	110	55	55
19 “	119	58	61
Total 15-19 years	518	281	237
20 years	130	68	62
21 “	161	83	78
22 “	157	91	66
23 “	164	89	75
24 “	149	73	76
Total 20-24 years	761	404	357
25 years	144	86	58
26 “	131	60	71
27 “	145	81	64
28 “	161	90	71
29 “	167	81	86
Total 25-29 years	748	398	350
30 years	160	87	73
31 “	136	70	66
32 “	176	89	87
33 “	170	99	71
34 “	162	103	59
Total 30-34 years	804	448	356
35 years	178	91	87
36 “	201	114	87
37 “	229	122	107
38 “	199	117	82
39 “	201	108	93
Total 35-39 years	1,008	552	456
40 years	204	104	100
41 “	219	118	101
42 “	259	150	109
43 “	245	145	100
44 “	241	128	113
Total 40-44 years	1,168	645	523
45 years	290	159	131
46 “	291	170	121
47 “	333	191	142
48 “	340	194	146
49 “	341	211	130
Total 45-49 years	1,595	925	670
50 years	366	214	152
51 “	383	218	165
52 “	422	233	189
53 “	382	218	164
54 “	423	241	182
Total 50-54 years	1,976	1,124	852
55 years	447	262	185
56 “	491	312	179
57 “	488	271	217
58 “	497	290	207
59 “	530	305	225
Total 55-59 years	2,453	1,440	1,013
60 years	578	327	251
61 “	518	286	232
62 “	671	384	287
63 “	632	368	264
64 “	625	388	237
Total 60-64 years	3,024	1,753	1,271
65 years	668	398	270
66 “	604	320	284
67 “	689	374	315
68 “	815	440	375
69 “	831	467	364
Total 65-69 years	3,607	1,999	1,608
70 years	865	469	396
71 “	785	420	365
72 “	904	437	467
73 “	950	489	461
74 “	896	469	427
Total 70-74 years	4,400	2,284	2,116
75 years	961	513	448
76 “	986	495	491
77 “	938	486	452
78 “	977	505	472
79 “	849	454	395
Total 75-79 years	4,711	2,453	2,258
80 years	836	429	407
81 “	740	367	373
82 “	753	378	375
83 “	689	329	360
84 “	639	298	341
Total 80-84 years	3,657	1,801	1,856
85 years	529	242	287
86 “	488	226	262
87 “	428	196	232
88 “	342	161	181
89 “	265	120	145
Total 85-89 years	2,052	945	1,107
90 years	214	90	124
91 “	166	73	93
92 “	151	52	99
93 “	115	48	67
94 “	81	36	45
Total 90-94 years	727	299	428
95 years	38	13	25
96 “	46	10	36
97 “	34	17	17
98 “	20	9	11
99 “	13	2	11
Total 95-99 years	151	51	100
100 years and over	24	8	16
Not stated	18	16	2

Table 34—Deaths (exclusive of Stillbirths) Classified according to Racial Origin of Decedents in the Province of Ontario, 1937

RACIAL ORIGIN	Ontario			RACIAL ORIGIN	Ontario		
	Total	Male	Female		Total	Male	Female
All Origins	38,475	20,690	17,785	Hungarian	85	55	30
English	13,814	7,421	6,393	Icelandic	4	2	2
Irish	8,414	4,381	4,033	Indian	561	280	281
Scottish	6,401	3,266	3,135	Italian	338	209	129
Welsh	175	97	78	Japanese	...	...	...
French	3,429	1,900	1,529	Jewish	414	247	167
German	1,892	990	902	Negro	124	68	56
Armenian	15	11	4	Norwegian	46	23	23
Austrian	92	58	34	Polish	299	198	101
Belgian	41	29	12	Roumanian	55	40	15
Bulgarian	12	9	3	Russian	117	86	31
Chinese	77	68	9	Serb and Croat	60	41	19
Czech and Slovak	73	55	18	Swedish	106	64	42
Danish	33	26	7	Swiss	41	20	21
Dutch	672	361	311	Syrian	20	11	9
Finnish	237	164	73	Ukrainian*	167	112	55
Greek	44	30	14	Other	32	24	8
Hindu	2	1	1	Not specified	583	343	240

Table 35—Deaths (exclusive of Stillbirths) Classified according to Birthplace of Decedents for the Province of Ontario and for Cities, Towns and Villages of 10,000 Population and Over, 1937

Province, Cities, Towns and Villages	Total Deaths by Sex	BIRTHPLACE OF DECEDENTS																																					
		Canada										British Isles					British Possessions		Europe															Asia					
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland	Wales	Other	Newfoundland	Other	Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia*	Sweden	Other	China	Japan	Other	United States	Various	Not specified
Ontario............Total	38,475	25	128	99	1631	26586	75	51	21	14	92	4113	862	1391	82	30	102	81	71	66	16	183	35	282	25	61	212	33	316	57	296	62	178	66	..	24	954	5	150
M.	20,690	16	73	56	878	13870	43	32	11	6	53	2343	443	718	48	16	54	50	71	24	15	134	23	161	11	47	143	17	216	41	198	42	125	64	..	15	510	2	121
F.	17,785	9	55	43	753	12716	32	19	10	8	39	1770	419	673	34	14	48	31	...	42	1	49	12	121	14	14	69	16	100	16	98	20	53	2	..	9	444	3	29
Cities, Towns and Villages of 10,000 and over......	19,298	20	83	61	922	11737	29	22	9	8	71	2715	571	945	57	23	68	57	76	16	5	90	20	133	12	36	155	10	239	40	250	22	120	45	..	18	544	4	65
M.	10,192	13	51	34	491	5971	15	12	3	1	40	1504	285	467	32	12	37	36	52	10	4	61	13	81	8	29	98	5	156	28	162	16	81	43	..	11	277	2	51
F.	9,106	7	32	27	431	5766	14	10	6	7	31	1211	286	478	25	11	31	21	24	6	1	29	7	52	4	7	57	5	83	12	88	6	39	2	..	7	267	2	14
Belleville ....Total	235	..	1	...	5	198	..	..	..	..	...	14	4	3	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	1	3	..	..	..	4	...	...
M.	129	..	...	...	2	106	..	..	..	..	...	8	3	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	3	..	..	..	3	...	...
F.	106	..	1	...	3	92	..	..	..	..	...	6	1	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	..	..	..	1	...	...
Brantford...........Total	393	..	1	...	2	259	..	..	..	..	...	72	7	21	...	...	1	...	2	1	...	...	...	...	...	2	6	...	1	...	1	...	...	..	..	1	15	...	1
M.	205	..	1	...	....	129	..	..	..	..	...	41	3	8	...	...	1	...	2	1	...	...	...	...	...	2	4	...	1	...	1	...	...	..	..	1	10	...	...
F.	188	..	...	...	2	130	..	..	..	..	...	31	4	13	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	..	..	..	5	...	1
Chatham............Total	318	..	1	...	3	241	..	1	..	1	1	28	6	6	3	...	1	1	1	3	...	...	...	...	3	1	...	...	1	...	...	...	4	2	..	..	10	...	...
M.	173	..	1	...	1	123	..	..	..	1	1	14	6	4	1	...	1	1	...	2	...	...	...	...	3	1	...	...	1	...	...	...	3	2	..	..	7	...	...
F.	145	..	...	...	2	118	..	1	..	..	...	14	....	2	2	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	..	..	..	3	...	...
Cornwall............Total	269	..	1	...	20	221	..	..	..	..	...	9	....	5	...	...	2	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	..	..	..	8	...	1
M.	150	..	1	...	15	116	..	..	..	..	...	5	....	4	...	...	2	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	..	..	..	5	...	...
F.	119	..	...	...	5	105	..	..	..	..	...	4	....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	..	3	...	1
Forest Hill...........Total	42	..	1	...	1	27	..	..	..	..	...	6	1	....	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	..	..	..	3	...	...
M.	22	..	1	...	1	13	..	..	..	..	...	2	1	....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	..	..	..	2	...	...
F.	20	..	...	...	....	14	..	..	..	..	...	4	....	....	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	..	1	...	...

Fort William........Total	225	..	1	...	9	85	1	..	1	..	...	35	4	13	...	...	1	...	2	...	...	10	...	1	...	...	11	1	9	1	12	2	10	..	..	..	11	...	5
M.	135	..	1	...	6	46	..	..	1	..	. .	17	3	7	...	...	1	...	2	...	...	8	...	...	...	...	8	...	8	1	8	2	5	..	..	..	6	...	5
F.	90	..	...	...	3	39	1	..	..	..	...	18	1	6	...	...	...	...	...	...	...	2	...	1	...	...	3	1	1	...	4	...	5	..	..	..	5	...	...
Galt................Total	169	..	...	...	1	115	..	..	..	..	1	21	5	11	2	...	...	2	...	...	...	...	...	1	...	...	...	...	1	...	...	...	2	..	..	1	6	...	...
M.	82	..	...	...	1	56	..	..	..	..	1	13	3	4	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	..	..	1	1	...	...
F.	87	..	...	...	....	59	..	..	..	..	...	8	2	7	2	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	2	..	..	..	5	...	...
Guelph.............Total	236	..	2	...	4	178	..	..	..	1	...	24	5	12	...	...	2	...	1	...	...	...	...	1	...	...	1	...	...	...	...	...	...	..	..	1	4	...	...
M.	108	..	1	...	2	80	..	..	..	..	...	10	4	5	...	...	1	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	..	..	1	2	...	...
F.	128	..	1	...	2	98	..	..	..	1	...	14	1	7	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	..	2	...	...
Hamilton...........Total	1,641	..	4	6	20	902	1	..	..	1	2	327	46	150	3	6	4	8	7	...	1	2	2	11	1	8	22	...	21	7	10	2	11	4	..	1	49	...	2
M.	859	..	2	4	10	455	1	..	..	..	1	178	26	85	3	1	3	4	7	...	...	2	...	5	1	6	10	...	15	4	5	1	7	3	..	..	18	...	2
F.	782	..	2	2	10	447	..	..	..	1	1	149	20	65	...	5	1	4	...	...	1	...	2	6	...	2	12	...	6	3	5	1	4	1	..	1	31	...	...
Kingston...........Total	473	..	3	1	7	382	1	1	..	..	1	38	10	7	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	2	1	..	..	16	...	...
M.	249	..	...	1	3	198	1	..	..	..	...	25	5	2	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	..	..	10	...	...
F.	224	..	3	...	4	184	..	1	..	..	1	13	5	5	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	..	..	..	6	...	...
Kirkland Lake......Total	133	..	8	...	8	85	..	..	..	..	...	7	....	4	...	...	...	...	3	...	1	7	...	...	...	...	...	1	2	...	...	3	1	..	..	..	3	...	...
M.	69	..	6	...	6	37	..	..	..	..	...	4	....	3	...	...	...	...	1	...	1	5	...	...	...	...	...	1	2	...	...	1	...	..	..	..	2	...	...
F.	64	..	2	...	2	48	..	..	..	..	...	3	....	1	...	...	...	...	2	...	...	2	...	...	...	...	...	...	...	...	...	2	1	..	..	..	1	...	...
Kitchener..........Total	391	..	...	1	1	283	..	1	..	..	...	24	5	1	...	...	1	...	5	...	...	...	1	44	...	1	...	...	6	2	6	...	4	..	..	..	5	...	...
M.	213	..	...	...	1	149	..	..	..	..	...	14	2	....	...	...	...	...	2	...	...	...	1	27	...	1	...	...	6	...	3	...	3	..	..	..	4	...	...
F.	178	..	...	1	....	134	..	1	..	..	...	10	3	1	...	...	1	...	3	...	...	...	...	17	...	...	...	...	...	2	3	...	1	..	..	..	1	...	...
London.............Total	1,081	1	1	2	12	747	1	..	..	1	...	167	23	44	1	3	2	1	2	1	2	...	...	7	1	...	7	...	8	1	4	2	4	1	..	1	32	1	1
M.	532	..	1	1	8	356	..	..	..	..	...	89	7	22	1	3	1	1	2	1	2	...	...	5	...	...	5	...	4	1	2	1	1	1	..	1	14	1	1
F.	549	1	...	1	4	391	1	..	..	1	...	78	16	22	...	...	1	...	...	...	...	...	...	2	1	...	2	...	4	...	2	1	3	..	..	..	18	...	...
Niagara Falls.......Total	209	..	...	...	1	119	2	1	..	..	...	39	5	15	1	1	...	...	...	...	...	...	...	...	...	2	7	1	1	...	1	...	1	..	..	..	12	...	...
M.	105	..	...	...	....	58	1	1	..	..	...	22	3	4	...	1	...	...	...	...	...	...	...	...	...	2	3	...	...	...	1	...	1	..	..	..	8	...	...
F.	104	..	...	...	1	61	1	..	..	..	...	17	2	11	1	...	...	...	...	...	...	...	...	...	...	...	4	1	1	...	...	...	...	..	..	..	4	...	...
North Bay..........Total	188	..	...	1	18	125	..	..	..	..	...	15	4	6	...	1	1	...	1	...	...	...	...	...	...	...	4	...	1	...	...	...	1	..	..	..	6	...	4
M.	101	..	...	...	9	64	..	..	..	..	...	9	1	4	...	...	1	...	1	...	...	...	...	...	...	...	2	...	1	...	...	...	1	..	..	..	4	...	4
F.	87	..	...	1	9	61	..	..	..	..	...	6	3	2	...	1	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	..	..	..	2	...	...
Oshawa.............Total	236	..	...	...	5	149	..	1	1	..	1	46	4	12	1	...	1	1	1	...	...	...	...	...	...	...	...	...	4	...	3	...	1	1	..	..	4	...	...
M.	123	..	...	...	3	72	..	1	..	..	...	27	3	6	...	...	1	...	1	...	...	...	...	...	...	...	...	...	3	...	3	...	1	1	..	..	1	...	...
F.	113	..	...	...	2	77	..	..	1	..	1	19	1	6	1	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	..	..	..	3	...	...
Ottawa.............Total	1,870	5	9	14	464	1058	3	..	1	1	11	109	38	36	8	...	4	2	7	2	...	1	5	15	1	...	4	2	4	3	15	...	4	3	..	3	34	...	4
M.	950	2	6	7	223	533	2	..	1	..	7	63	22	16	6	...	1	1	5	1	...	1	2	8	...	...	3	2	4	1	9	...	4	3	..	1	13	...	3
F.	920	3	3	7	241	525	1	..	..	1	4	46	16	20	2	...	3	1	2	1	...	...	3	7	1	...	1	...	...	2	6	...	...	..	..	2	21	...	1

*Including the Ukraine.

Table 35—Deaths (exclusive of Stillbirths) Classified according to Birthplace of Decedents for the Province of Ontario and for Cities, Towns and Villages of 10,000 Population and Over, 1937—Continued

Province, Cities, Towns and Villages		Total Deaths by Sex	BIRTHPLACE OF DECEDENTS																																					
			Canada										British Isles					British Possessions		Europe															Asia					
			Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland	Wales	Other	Newfoundland	Other	Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia*	Sweden	Other	China	Japan	Other	United States	Various	Not specified
Owen Sound	Total	206	1	2	1	2	177	..	..	..	..	...	10	3	4	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	..	..	1	3	...	...
	M.	101	1	1	...	1	83	..	..	..	..	...	5	3	2	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	..	..	..	3	...	...
	F.	105	..	1	1	1	94	..	..	..	..	...	5	....	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	1	...	...	...
Pembroke	Total	168	..	...	...	36	107	1	..	..	..	...	4	3	1	...	...	...	...	...	...	...	...	...	15	...	...	...	...	1	...	...	...	...	..	..	..	...	...	...
	M.	107	..	...	...	21	72	1	..	..	..	...	2	2	....	...	...	...	...	...	...	...	...	...	9	...	...	...	...	...	...	...	...	...	..	..	..	...	...	...
	F.	61	..	...	...	15	35	..	..	..	..	...	2	1	1	...	...	...	...	...	...	...	...	...	6	...	...	...	...	1	...	...	...	...	..	..	..	...	...	...
Peterborough	Total	361	..	1	...	9	285	..	1	..	..	...	36	12	4	3	...	1	1	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	1	..	..	4	...	1
	M.	191	..	1	...	4	148	..	1	..	..	...	23	3	2	1	...	1	1	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	1	..	..	2	...	1
	F.	170	..	...	...	5	137	..	..	..	..	...	13	9	2	2		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	..	2	...	...
Port Arthur	Total	221	1	1	2	15	81	1	1	1	..	...	25	7	8	4	...	...	...	1	...	...	29	...	1	...	2	5	1	2	1	6	4	4	1	..	1	15	...	1
	M.	138	..	1	1	11	46	1	1	..	..	...	15	5	7	2	...	...	...	1	...	...	17	...	...	...	2	2	...	2	1	5	3	3	1	..	..	10	...	1
	F.	83	1	...	1	4	35	..	..	1	..	...	10	2	1	2	...	...	...	...	...	...	12	...	1	...	...	3	1	...	...	1	1	1	..	..	1	5	...	...
St. Catharines	Total	322	..	4	2	7	203	..	..	..	..	...	41	6	11	2	2	...	1	4	...	...	...	2	1	...	...	3	1	5	2	6	...	1	..	..	3	14	1	...
	M.	179	..	2	2	4	110	..	..	..	..	...	26	3	3	2	1	...	...	2	...	...	...	2	1	...	...	2	...	3	2	4	...	...	..	..	3	7	...	...
	F.	143	..	2	...	3	93	..	..	..	..	...	15	3	8	...	1	...	1	2	...	...	...	...	...	...	...	1	1	2	...	2	...	1	..	..	..	7	1	...
St. Thomas	Total	268	..	1	1	....	176	..	..	1	..	...	57	8	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	..	..	13	...	1
	M.	139	..	...	...	....	89	..	..	..	..	...	31	6	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	..	..	7	...	1
	F.	129	.	1	1	....	87	..	..	1	..	...	26	2	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	..	6	...	...
Sarnia	Total	236	1	...	...	4	189	..	..	..	..	...	11	3	11	...	...	...	1	...	1	...	...	...	2	...	...	...	...	1	...	...	...	...	..	..	..	12	...	...
	M.	128	..	...	...	3	103	..	..	..	..	...	9	1	3	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	..	..	..	7	...	...
	F.	108	1	...	...	1	86	..	..	..	..	...	2	2	8	...	...	...	1	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	..	..	..	5	...	...

Sault Ste. Marie	Total	262	..	...	...	23	162	..	..	1	..	1	19	2	8	3	...	...	1	2	...	...	4	1	3	...	...	14	1	3	...	3	1	...	1	..	..	8	...	1
	M.	150	..	...	...	15	81	..	..	1	..	1	10	2	5	1	...	...	1	1	...	...	4	1	2	...	...	10	1	2	...	3	1	...	1	..	..	6	...	1
	F.	112	..	...	...	8	81	..	..	..	..	...	9	....	3	2	...	...	...	1	...	...	...	...	1	...	...	4	...	1	...	...	...	...	..	..	..	2	...	...
Stratford	Total	222	..	...	1	3	161	..	1	..	..	...	31	7	7	...	...	...	1	1	...	...	...	...	3	1	...	...	...	...	...	...	...	...	..	..	..	5	...	...
	M.	101	..	...	...	2	77	..	1	..	..	...	12	3	2	...	...	...	1	...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	..	..	..	...	...	...
	F.	121	..	...	1	1	84	..	..	..	..	...	19	4	5	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	..	..	..	5	...	...
Sudbury	Total	313	1	2	2	39	196	2	1	..	..	2	7	3	6	1	...	...	...	2	...	...	11	1	...	...	...	4	...	8	1	8	1	3	2	..	..	5	...	5
	M.	191	1	2	2	28	103	1	1	..	..	2	3	3	4	1	...	...	...	2	...	...	8	1	...	...	...	3	...	7	1	6	1	2	2	..	..	2	...	5
	F.	122	..	...	...	11	93	1	..	..	..	...	4	....	2	...	...	...	...	...	...	...	3	...	...	...	...	1	...	1	...	2	...	1	..	..	..	3	...	...
Timmins	Total	219	..	1	1	27	126	1	1	..	..	...	18	1	5	...	...	2	...	1	...	...	8	...	1	...	1	4	...	1	2	5	3	6	..	..	1	2	...	1
	M.	141	..	1	...	14	79	1	1	..	..	...	12	....	1	...	...	1	...	1	...	...	6	...	...	...	1	3	...	1	2	5	3	5	..	..	1	2	...	1
	F.	78	..	...	1	13	47	..	..	..	..	...	6	1	4	...	...	1	...	...	...	...	2	...	1	...	...	1	...	...	...	...	...	1	..	..	..	...	...	...
Toronto	Total	7,049	10	31	22	139	3843	7	7	2	3	51	1322	328	475	21	10	41	32	27	3	1	16	5	14	4	4	44	1	142	17	154	3	45	24	..	3	160	2	36
	M.	3,719	9	16	14	75	1962	3	4	..	..	27	737	152	236	12	6	20	21	18	1	1	9	4	11	3	2	30	...	83	12	93	2	31	24	..	2	73	1	25
	F.	3,330	1	15	8	64	1881	4	3	2	3	24	585	176	239	9	4	21	11	9	2	...	7	1	3	1	2	14	1	59	5	61	1	14	..	..	1	87	1	11
Welland	Total	172	..	1	...	7	98	1	..	..	..	...	17	3	7	2	...	...	...	1	...	...	...	...	2	...	6	12	...	1	...	2	...	2	1	..	..	8	...	1
	M.	100	..	1	...	6	53	..	..	..	..	...	7	3	2	1	...	...	...	1	...	...	...	...	2	...	5	9	...	1	...	2	...	2	..	..	..	4	...	1
	F.	72	..	...	...	1	45	1	..	..	..	...	10	....	5	1	...	...	...	...	...	...	...	...	...	...	1	3	...	...	...	...	...	...	1	..	..	4	...	...
Windsor	Total	979	..	6	4	29	622	6	3	1	..	...	102	14	41	1	...	2	4	4	5	...	2	1	8	1	9	7	...	14	2	11	...	11	2	..	.1	66	...	...
	M.	504	..	5	2	15	309	3	..	..	..	...	47	5	21	...	...	1	4	2	3	...	1	...	6	...	7	3	...	10	2	9	...	7	2	..	..	40	...	...
	F.	475	..	1	2	14	313	3	3	1	..	...	55	9	20	1	...	1	...	2	2	...	1	1	2	1	2	4	...	4	...	2	...	4	..	..	1	26	...	...
Woodstock	Total	191	..	...	...	1	137	1	2	..	..	...	34	4	3	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	..	..	..	7	...	...
	M.	98	..	...	...	1	65	..	1	..	..	...	24	2	....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	..	4	...	...
	F.	93	..	...	...	....	72	1	1	..	..	...	10	2	3	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	..	..	..	3	...	...

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*Including the Ukraine.

Table 36—Deaths (exclusive of Stillbirths) Classified according to Birthplaces of Parents of Decedents in the Province of Ontario, 1937

Birthplace of Father	Total Fathers	BIRTHPLACE OF MOTHER																																					
		Canada										British Isles					British Possessions		Europe															Asia					
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland	Wales	Other	Newfoundland	Other	Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia*	Sweden	Other	China	Japan	Other	United States	Various	Not specified
Canada	15,789	19	108	78	1860	10817	39	30	11	10	832	525	453	272	6	...	6	12	2	1	2	1	9	50	3	1	1	...	4	1	2	6	2	...	...	2	336	1	287
Prince Edward Island	30	14	2	...	1	7	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	1
Nova Scotia	153	2	76	3	2	36	1	...	...	1	3	7	4	5	...	...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	3
New Brunswick	98	1	4	55	6	20	...	...	...	...	...	4	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	1
Quebec	2,105	...	...	2	1534	386	4	2	1	...	7	21	49	14	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	25	...	57
Ontario	12,313	2	24	18	301	10262	21	24	9	7	73	437	354	232	5	...	3	10	2	1	2	1	6	47	2	...	1	...	3	1	1	5	...	...	...	2	274	...	183
Manitoba	33	...	...	...	3	16	11	...	...	...	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Saskatchewan	27	...	...	...	1	16	...	4	1	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2
Alberta	8	...	...	...	3	3	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
British Columbia	3	...	...	...	1	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Province not specified	1,019	...	2	...	8	71	1	...	...	...	748	52	45	17	...	...	2	...	...	...	...	...	3	3	1	...	...	...	...	...	1	1	1	...	...	...	23	...	40
British Isles	16,962	5	41	21	150	2265	4	3	1	1	402	6321	3843	3253	122	32	14	15	...	1	...	2	10	23	8	...	...	...	2	...	2	...	4	...	...	...	197	1	219
England	7,934	1	19	6	59	882	3	2	...	...	177	5957	323	224	24	5	7	9	...	1	...	...	7	17	5	...	...	...	1	...	2	...	2	...	...	...	95	1	105
Ireland	4,943	2	8	6	58	854	...	1	...	1	145	190	3348	175	8	...	3	3	...	...	...	1	1	3	1	...	...	...	...	...	...	...	2	...	...	...	58	...	75
Scotland	3,898	2	13	9	33	504	1	...	...	...	78	152	167	2844	1	2	4	3	...	...	...	1	1	3	2	...	...	...	1	...	...	...	...	...	...	...	40	...	37
Wales	153	...	1	...	...	21	...	...	...	...	2	18	5	9	89	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	2
Other	34	...	...	...	...	4	...	...	1	...	...	4	...	1	...	24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
British Possessions	167	...	3	1	2	23	...	...	...	...	4	18	7	3	...	...	76	22	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
Newfoundland	107	...	3	1	...	12	...	...	...	...	...	6	2	2	...	...	76	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
Other	60	...	...	...	...	2	11	...	...	...	...	4	12	5	1	...	...	21	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Europe	3,365	...	2	3	25	226	4	3	2	...	24	29	19	9	1	...	...	1	141	41	22	227	60	833	35	81	278	39	427	70	374	76	244	...	...	...	30	1	38
Austria	143	...	...	...	...	2	...	...	1	...	...	...	...	...	...	...	...	...	134	...	...	...	...	1	...	...	...	...	1	...	1	...	2	...	...	...	...	...	1
Belgium	43	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Denmark	31	...	...	...	1	5	...	...	...	...	...	1	1	...	...	...	...	...	...	...	20	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Finland	229	...	...	...	...	5	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	218	...	...	...	...	...	...	...	...	...	1	...	...	...	...	2	...	1
France	126	...	...	1	11	24	...	...	...	...	4	6	4	1	...	...	...	...	...	...	...	...	54	16	1	...	...	...	...	...	...	...	1	...	...	...	...	...	3
Germany	1,023	...	2	1	3	112	1	1	...	...	10	12	11	3	1	...	...	...	2	...	1	...	3	810	2	1	...	...	3	1	1	1	4	...	...	...	12	...	25
Holland	52	...	...	...	...	9	...	...	...	...	...	3	...	2	...	...	...	1	...	1	...	1	...	...	32	...	...	...	...	...	...	...	...	...	...	...	1	...	2
Hungary	87	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	80	...	...	...	1	...	...	...	...	...	...	2	...	...
Italy	311	...	...	...	5	22	1	...	...	...	1	2	...	...	...	...	...	...	...	...	...	1	...	...	...	...	278	...	...	...	...	...	...	...	...	...	1	...	...
Norway	44	...	...	...	1	2	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	38	...	...	...	1	...	...	...	...	1	...	...
Poland	437	...	...	...	...	9	...	...	...	...	2	...	...	...	...	...	...	...	1	...	...	...	...	2	...	...	...	...	412	1	6	...	2	...	...	...	1	...	1
Roumania	76	...	...	...	...	2	...	2	...	...	...	1	...	2	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	67	...	...	...	...	...	...	...	...	1
Russia*	398	...	...	...	3	5	2	...	1	...	1	2	1	1	...	...	...	...	1	...	...	...	...	1	...	...	...	...	9	...	365	...	...	...	...	...	3	...	3

Sweden	92	..	...	1	....	9	..	..	..	..	2	....	....	....	...	..	...	...	...	...	1	4	...	...	...	...	...	1	...	...	...	73	...	...	..	..	1	..	....
Other	273	..	...	...	1	15	..	..	..	..	2	2	1	....	...	..	...	...	1	...	...	1	3	2	...	...	...	...	2	...	1	...	235	...	..	..	5	1	1
Asia	110	..	...	...	....	5	..	..	1	..	....	....	....	1	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	70	..	32	1	..	....
China	76	..	...	...	....	4	..	1	..	..	....	....	....	1	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	70	..	..	....	..	....
Japan		..	...	...	....	.....	..	..	..	..	....	....	....	....	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	....	..	....
Other	34	..	...	...	....	1	..	..	..	..	....	....	....	....	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	32	1	..	....
United States	1,032	..	8	1	28	334	1	1	..	..	34	59	51	24	1	..	1	1	...	1	...	...	1	5	2	1	...	...	...	...	...	1	1	...	..	..	425	1	50
Various	5	..	...	...	....	2	..	..	..	..	....	....	....	....	...	..	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	....	2	....
Not specified	1,045	..	1	3	21	224	3	2	1	..	10	21	7	9	1	..	...	...	...	...	...	1	...	...	...	...	...	1	...	1	...	...	...	...	..	..	10	..	729
Total Mothers	38,475	24	163	107	2086	13896	51	40	15	11	1306	6973	4380	3571	131	32	97	52	143	44	24	230	81	913	48	83	279	39	434	71	379	83	251	70	..	34	999	6	1329

*Including the Ukraine

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1937

CAUSES OF DEATH	Sex	Total	AGES—YEARS																									
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
DEATHS—ALL CAUSES. Total	...	**38475**	**3382**	**407**	**185**	**162**	**118**	**426**	**393**	**518**	**761**	**748**	**804**	**1008**	**1168**	**1595**	**1976**	**2453**	**3024**	**3607**	**4400**	**4711**	**3657**	**2052**	**727**	**151**	**24**	**18**	
	M	**20690**	**1902**	**210**	**96**	**95**	**65**	**249**	**247**	**281**	**404**	**398**	**448**	**552**	**645**	**925**	**1124**	**1440**	**1753**	**1999**	**2284**	**2453**	**1801**	**945**	**299**	**51**	**8**	**16**	
	F	**17785**	**1480**	**197**	**89**	**67**	**53**	**177**	**146**	**237**	**357**	**350**	**356**	**456**	**523**	**670**	**852**	**1013**	**1271**	**1608**	**2116**	**2258**	**1856**	**1107**	**428**	**100**	**16**	**2**	
CLASS I.—INFECTIOUS AND PARASITIC DISEASES																													
Total	...	3745	272	122	60	46	24	116	101	126	234	196	173	195	172	193	198	200	205	229	257	230	208	134	41	11	....	2	
	M	2045	159	60	29	29	8	61	56	57	106	87	97	113	108	126	143	139	121	134	139	117	86	54	12	3	....	1	
	F	1700	113	62	31	17	16	55	45	69	128	109	76	82	64	67	55	61	84	95	118	113	122	80	29	8	....	1	
1. Typhoid fever	M	21	....	....	....	....	....	....	....	....	11	1	3	2	....	....	....	2	2	....	....	....	....	....	....	....	....	....	1
	F	14	....	....	....	....	1	....	1	1	3	1	1	....	1	1	....	1	1	1	1	....	....	....	....	....	....	....	
2. Paratyphoid fever	M	3	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	2
	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	
5. Undulant fever	M	4	....	....	....	....	....	....	....	....	....	....	....	....	....	2	1	....	....	....	1	....	....	....	....	....	....	....	5
	F	2	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	
7. Measles	M	14	4	2	2	1	....	1	3	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	7
	F	16	2	....	2	....	3	2	1	2	....	1	....	1	1	....	....	....	....	1	....	....	....	....	....	....	....	....	
8. Scarlet fever	M	28	....	1	3	5	1	9	2	3	1	....	1	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	8
	F	22	....	2	1	2	1	9	2	....	1	1	....	1	....	1	....	1	....	....	....	....	....	....	....	....	....	....	
9. Whooping-cough	M	52	30	13	4	1	1	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	9
	F	52	29	14	4	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	
10. Diphtheria	M	12	....	1	1	3	....	4	1	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	10
	F	18	6	....	1	4	1	3	1	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	
11. Influenza	M	860	85	29	7	8	4	5	14	8	21	15	18	30	31	34	41	51	55	68	92	98	77	54	12	3	....	....	11
	F	799	46	26	8	3	3	11	6	13	13	21	13	21	22	31	28	27	56	57	81	97	104	75	29	8	....	....	
11A. Sole cause	M	53	10	6	3	1	1	....	1	....	1	....	1	....	1	1	1	2	1	....	5	3	8	5	2	....	....	....	11A
	F	71	8	5	1	2	1	1	....	....	....	1	1	1	2	2	1	1	4	1	3	6	11	6	10	3	....	....	
11B. With bronchitis	M	36	3	1	....	....	....	....	....	....	....	....	....	1	....	1	1	4	1	2	7	6	3	5	1	....	....	....	11B
	F	39	1	....	....	....	....	....	....	....	....	....	1	1	....	1	1	1	3	2	5	10	10	3	....	....	....	....	
11C. With pneumonia	M	499	51	16	2	1	1	....	7	6	16	12	13	22	23	24	30	35	33	41	55	54	34	19	4	....	....	....	11C
	F	407	32	16	3	....	1	5	1	8	8	13	7	13	9	20	16	16	32	32	47	42	41	32	11	2	....	....	
11D. With other diseases of the respiratory system	M	40	4	1	....	1	....	....	1	....	....	....	....	3	1	1	3	1	4	6	1	3	5	4	....	1	....	....	11D
	F	46	1	....	....	....	....	....	....	....	....	....	1	1	2	1	....	2	1	6	5	9	4	7	4	2	....	....	
11E. With intestinal complications	M	24	5	1	1	1	1	1	1	....	....	....	....	....	1	....	....	....	....	....	2	4	2	4	....	....	....	....	11E
	F	32	2	....	3	....	....	1	1	....	2	1	....	1	2	....	3	1	2	1	1	6	4	1	....	....	....	....	
11F. With other causes	M	208	12	4	1	4	1	4	4	2	4	3	4	4	5	7	6	9	16	19	22	28	25	17	5	2	....	....	11F
	F	204	2	5	1	1	1	4	4	5	3	6	3	4	7	7	7	6	14	15	20	24	34	26	4	1	....	....	
13. Dysentery	M	12	3	....	1	1	....	1	....	1	....	....	....	1	....	1	1	....	....	....	2	....	....	....	....	....	....	....	13
	F	26	4	5	3	1	1	....	....	....	....	....	....	....	....	....	....	2	....	1	3	2	4	....	....	....	....	....	

15. Erysipelas	M	26	5	2	1	....	....	1	....	....	....	1	1	....	....	....	....	3	2	4	2	2	2	....	....	....	....	....	15
	F	21	2	1	....	....	....	....	....	....	....	....	2	....	....	1	1	2	2	1	3	4	2	....	....	....	....	....	
16. Poliomyelitis and polioencephalitis (acute)	M	74	3	1	1	4	1	18	19	13	7	5	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	16
	F	45	....	1	1	1	1	14	13	4	6	1	....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
17. Lethargic or epidemic encephalitis	M	11	....	....	1	....	....	2	....	....	....	2	1	....	....	1	1	1	1	1	....	....	....	....	....	....	....	....	17
	F	4	....	....	....	....	....	....	....	1	1	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	
18. Epidemic cerebrospinal meningitis	M	10	3	2	....	....	....	....	....	1	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	18
	F	7	1	1	....	....	....	1	....	1	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	
22. Tetanus	M	13	1	1	1	....	....	2	1	....	....	1	1	2	....	....	....	1	....	....	2	....	....	....	....	....	....	....	22
	F	4	....	....	....	....	....	1	2	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
23–32. Tuberculosis	M	741	10	6	7	3	1	13	11	29	61	56	62	71	64	79	83	53	45	42	26	13	5	....	....	....	....	1	23–32
	F	574	9	6	10	3	3	14	17	43	101	81	49	48	34	24	21	20	18	27	26	9	8	3	....	....	....	....	
23. Tuberculosis of the respiratory system	M	648	3	2	4	1	....	5	2	22	55	51	56	67	63	71	75	48	44	41	21	11	5	....	....	....	....	1	23
	F	501	4	4	5	1	2	8	11	37	88	76	45	45	31	22	21	17	18	25	25	6	8	2	....	....	....	....	
24. Tuberculosis of the meninges and central nervous system.	M	41	6	2	3	2	1	6	7	1	4	3	....	1	....	1	3	1	....	....	....	....	....	....	....	....	....	....	24
	F	31	4	1	4	1	1	5	5	3	3	2	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	
25. Tuberculosis of the intestines and peritoneum	M	15	....	1	....	....	....	....	1	2	1	1	3	....	....	1	1	2	1	....	....	1	....	....	....	....	....	....	25
	F	14	....	1	....	....	....	....	....	2	5	....	2	1	....	....	....	....	....	1	....	2	....	....	....	....	....	....	
26. Tuberculosis of the vertebral column	M	5	....	....	....	....	....	....	1	....	....	1	1	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	26
	F	4	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	1	....	1	....	....	....	....	
27. Tuberculosis of the bones and joints (vertebral column excepted)	M	7	....	....	....	....	....	....	....	1	1	....	....	....	....	1	....	1	....	....	3	....	....	....	....	....	....	....	27
	F	2	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	
27A. Of bones	M	2	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	27A
	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	
27B. Of joints	M	5	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	1	....	....	2	....	....	....	....	....	....	....	27B
	F	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
28. Tuberculosis of the skin and sub-cutaneous cellular tissue	F	2	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	28
29. Tuberculosis of the lymphatic system (bronchial, mesenteric and retroperitoneal glands excepted)	M	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	29
	F	2	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
30. Tuberculosis of the genito-urinary system	M	10	....	....	....	....	....	....	....	1	....	....	....	....	....	3	2	1	....	1	2	....	....	....	....	....	....	....	30
	F	4	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1	....	....	....	....	....	....	....	....	....	....	
31. Tuberculosis of other organs	M	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	31
	F	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
32. Disseminated tuberculosis	M	12	1	1	....	....	....	2	....	2	....	....	2	3	1	....	....	....	....	....	....	....	....	....	....	....	....	....	32
	F	13	1	....	1	1	....	1	1	1	3	2	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	
32A. Acute	M	7	1	1	....	....	....	2	....	1	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	32A
	F	6	1	....	1	1	....	....	1	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
32B. Chronic	M	2	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	32B
32C. Not specified	M	3	....	....	....	....	....	....	....	1	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	32C
	F	7	....	....	....	....	....	1	....	1	3	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	
34. Syphilis	M	124	13	1	....	....	....	....	1	....	2	2	6	4	9	7	16	19	14	16	10	4	....	....	....	....	....	....	34
	F	50	7	....	....	....	....	....	1	....	1	....	6	5	4	7	2	5	3	4	2	....	1	1	....	....	....	1	

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1937—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																									
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
35. Gonococcus infection and other venereal diseases	M	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	35
	F	2	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	
36. Purulent infection, septicaemia (non-puerperal)	M	23	....	1	....	2	....	....	3	1	....	2	....	....	....	1	....	6	2	2	2	....	1	....	....	....	....	....	36
	F	20	....	1	....	1	....	....	....	4	1	2	2	1	....	....	2	....	1	2	....	1	1	1	....	....	....	....	
38. Malaria	M	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	38
	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	
39. Other diseases due to protozoal parasites	M	2	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	39
	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	
41. Hydatid cysts	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	41
41A. Of the liver	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	41A
42. Other diseases caused by helminths	F	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	42
43. Mycoses	M	7	2	....	....	....	....	1	....	....	....	....	....	....	2	1	....	1	....	....	....	....	....	....	....	....	....	....	43
	F	4	1	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	....	....	....	....	....	....	....	....	....	....	
44. Other infectious or parasitic diseases	M	5	....	....	....	1	....	....	1	....	....	....	....	1	1	....	....	....	....	....	....	....	1	....	....	....	....	....	44
	F	15	6	4	1	....	....	....	....	....	....	....	1	1	1	....	1	....	....	....	....	....	....	....	....	....	....	....	
44A. Chicken-pox	M	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	44A
	F	4	3	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
44C. Others under this title	M	4	....	....	....	1	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	1	....	....	....	....	....	44C
	F	11	3	4	....	....	....	....	....	....	....	....	1	1	1	....	1	....	....	....	....	....	....	....	....	....	....	....	
CLASS II.—CANCER AND OTHER TUMOURS																													
Total	...	4836	3	2	5	10	1	12	10	15	24	41	68	116	186	303	428	497	604	662	700	625	350	137	34	2	....	1	
	M	2280	....	1	3	8	1	7	6	9	10	15	23	39	74	114	172	226	312	335	345	308	193	64	14	....	....	1	
	F	2556	3	1	2	2	....	5	4	6	14	26	45	77	112	189	256	271	292	327	355	317	157	73	20	2	....	....	
45-53. Cancer and other malignant tumours	M	2173	....	1	3	6	1	4	5	6	10	13	19	35	70	108	167	219	300	319	332	297	183	61	13	....	....	1	45-53
	F	2374	2	....	2	2	....	4	3	5	9	19	39	63	103	162	237	258	274	305	337	307	150	71	20	2	....	....	
45. Cancer of the buccal cavity and pharynx	M	131	....	....	....	....	....	....	....	....	....	....	2	3	3	3	8	7	14	22	22	22	19	5	1	....	....	....	45
	F	35	....	....	....	....	....	....	....	....	....	....	....	2	1	2	4	6	3	4	4	6	1	2	....	....	....	....	
46. Cancer of the digestive tract and peritoneum	M	1247	....	....	....	....	....	....	....	1	5	4	7	23	42	57	100	139	182	182	193	170	104	30	7	....	....	1	46
	F	1067	1	....	....	....	....	....	....	....	3	5	11	15	26	47	77	97	114	157	184	177	103	39	8	2	....	....	
46A. Of the oesophagus	M	52	....	....	....	....	....	....	....	....	....	....	....	....	1	4	3	7	12	10	5	5	3	2	....	....	....	....	46A
	F	27	....	....	....	....	....	....	....	....	....	....	....	1	....	....	2	5	1	9	4	4	1	....	....	....	....	....	

46B. Of the stomach and duodenum	M	561	....	....	....	....	....	....	....	....	2	....	3	10	13	25	41	54	82	81	96	88	53	10	2	....	....	1	46B
	F	321	....	....	....	....	....	....	....	....	1	....	2	1	7	10	21	27	30	56	55	57	37	11	5	1	....	....	
46C. Of the rectum	M	144	....	....	....	....	....	....	....	....	....	2	....	1	6	7	13	19	22	23	16	17	13	4	1	....	....	....	46C
	F	117	....	....	....	....	....	....	....	....	....	3	4	3	2	7	12	11	14	13	20	15	10	3	....	....	....	....	
46D. Of the liver and biliary ducts.	M	120	....	....	....	....	....	....	....	....	....	....	....	2	2	6	8	18	19	18	19	18	5	5	....	....	....	....	46D
	F	186	1	....	....	....	....	....	....	....	1	....	....	3	3	9	11	21	17	26	35	33	19	7	....	....	....	....	
46E. Of the pancreas	M	88	....	....	....	....	....	....	....	1	1	1	2	2	5	2	8	12	12	10	14	6	8	2	2	....	....	....	46E
	F	63	....	....	....	....	....	....	....	....	....	....	....	....	3	1	7	7	10	9	10	12	3	1	....	....	....	....	
46F. Of the peritoneum	M	9	....	....	....	....	....	....	....	....	....	1	....	1	....	1	2	....	2	1	....	1	....	....	....	....	....	....	46F
	F	9	....	....	....	....	....	....	....	....	....	....	2	2	1	2	....	....	1	....	1	....	....	....	....	....	....	....	
46G. Of other organs	M	273	....	....	....	....	....	....	....	....	2	....	2	7	15	12	25	29	33	39	43	35	22	7	2	....	....	....	46G
	F	344	....	....	....	....	....	....	....	....	1	2	3	5	10	18	24	26	41	44	59	56	34	17	3	1	....	....	
47. Cancer of the respiratory organs	M	147	....	....	1	....	....	....	....	1	1	....	3	3	9	14	25	15	26	20	11	14	2	2	....	....	....	....	47
	F	57	....	....	....	....	....	....	....	....	1	....	....	....	3	4	11	7	10	9	6	4	1	1	....	....	....	....	
47A. Of the larynx	M	33	....	....	....	....	....	....	....	....	....	....	....	....	1	....	3	5	4	4	4	9	2	1	....	....	....	....	47A
	F	12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	1	2	6	1	....	....	....	....	....	....	....	
47B. Of the lung	M	91	....	....	....	....	....	....	....	1	....	....	3	2	7	11	17	6	17	15	6	5	....	1	....	....	....	....	47B
	F	36	....	....	....	....	....	....	....	....	1	....	....	....	2	4	7	5	6	2	5	4	....	....	....	....	....	....	
47C. Of the mediastinum	M	4	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	2	1	....	....	....	....	....	....	....	....	47C
	F	3	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	1	....	....	....	....	....	....	....	....	....	
47D. Of other organs of the respiratory system	M	19	....	....	1	....	....	....	....	....	....	....	....	1	1	3	5	4	3	....	1	....	....	....	....	....	....	....	47D
	F	6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	1	1	....	....	1	1	....	....	....	....	
48. Cancer of the uterus	F	356	....	....	....	....	....	....	....	....	2	5	10	15	20	41	39	43	41	50	36	33	10	9	2	....	....	....	48
48A. Of the uterus	F	223	....	....	....	....	....	....	....	....	1	1	4	7	5	20	22	28	29	38	26	27	7	7	1	....	....	....	48A
48B. Of the cervix uteri	F	133	....	....	....	....	....	....	....	....	1	4	6	8	15	21	17	15	12	12	10	6	3	2	1	....	....	....	48B
49. Cancer of other female genital organs	F	132	....	....	....	....	....	....	1	....	2	....	3	5	11	10	20	11	17	17	20	13	2	....	....	....	....	....	49
50. Cancer of the breast	M	5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	1	....	1	1	....	....	....	....	50
	F	459	....	....	....	....	....	....	....	....	....	3	8	19	35	41	58	73	61	45	48	40	16	9	3	....	....	....	
51. Cancer of the male genito-urinary organs	M	415	....	....	2	3	1	....	....	1	....	3	....	5	8	11	16	35	56	68	83	66	44	13	....	....	....	....	51
51A. Of the bladder	M	133	....	....	....	....	....	....	....	....	....	....	....	3	2	6	9	14	21	28	17	16	13	4	....	....	....	....	51A
51B. Of the kidney	M	39	....	....	1	2	....	....	....	....	....	....	....	....	2	2	4	8	5	6	4	2	1	2	....	....	....	....	51B
51C. Of the prostate gland	M	220	....	....	....	....	....	....	....	....	....	....	....	....	....	1	3	11	30	33	60	47	28	7	....	....	....	....	51C
51D. Of the testicles and annexa	M	15	....	....	1	1	1	....	....	1	....	3	....	2	3	1	....	1	....	....	1	....	....	....	....	....	....	....	51D
51E. Of other male genito-urinary organs	M	8	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	1	1	1	2	....	....	....	....	....	51E
52. Cancer of the skin	M	52	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	3	4	4	4	13	10	6	5	....	....	....	52
	F	37	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	1	1	3	5	6	5	9	5	....	....	....	
53. Cancer of other or unspecified organs	M	176	....	1	....	2	....	3	5	3	4	5	7	1	8	23	18	20	27	22	18	12	3	4	....	....	....	....	53
	F	231	1	....	2	2	....	4	2	5	1	6	7	6	7	16	28	20	27	20	34	28	11	2	2	....	....	....	
53A. Of the eye and orbit	M	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	1	....	....	1	....	....	....	....	53A
	F	6	....	....	1	....	....	....	....	....	....	....	1	....	....	....	1	1	....	....	1	1	....	....	....	....	....	....	
53B. Of the circulatory system	M	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	53B
	F	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	
53C. Of the glandular system	M	36	....	....	....	1	....	....	....	....	....	1	1	....	....	3	3	3	3	7	5	5	3	1	....	....	....	....	53C
	F	31	....	....	....	....	....	....	1	....	....	....	1	2	....	1	5	1	3	2	10	2	2	1	....	....	....	....	
53D. Of the female urinary organs.	F	70	1	....	....	1	....	....	....	....	....	....	....	....	2	2	6	5	5	13	13	15	6	1	....	....	....	....	53D
53E. Of the bones and joints	M	31	....	....	....	....	....	....	1	3	2	....	2	....	3	3	3	3	3	1	7	....	....	....	....	....	....	....	53E
	F	24	....	....	....	1	....	....	....	1	....	2	1	....	1	3	2	....	6	1	3	2	....	....	1	....	....	....	
53F. Of the brain	M	45	....	....	....	1	....	2	3	....	....	2	4	....	2	10	7	8	1	4	1	....	....	....	....	....	....	....	53F
	F	34	....	....	1	....	....	3	1	2	....	2	3	3	3	4	5	5	2	....	....	....	....	....	....	....	....	....	
53G. Of the spine and spinal cord	M	9	....	....	....	....	....	1	1	....	....	....	....	....	1	1	1	....	2	1	1	....	....	....	....	....	....	....	53G
	F	3	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	1	....	....	....	....	....	....	....	
53H. Of the neck	M	11	....	....	....	....	....	....	....	....	....	1	....	....	....	2	....	3	....	1	1	1	....	2	....	....	....	....	53H
	F	3	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	
53I. Of the abdomen	M	9	....	....	....	....	....	....	....	....	1	1	....	....	....	1	1	1	....	3	....	1	....	....	....	....	....	....	53I
	F	20	....	....	....	....	....	....	....	....	....	1	1	....	....	1	4	....	3	1	6	3	....	....	....	....	....	....	

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1937—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																									
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
53J. Of other specified organs	M	15	....	....	....	....	....	....	....	....	1	....	....	....	1	1	1	2	5	2	2	....	....	....	....	....	....	....	53J
	F	22	....	....	....	....	....	....	....	1	1	1	....	1	....	1	2	3	6	....	....	4	1	....	1	....	....	....	
53K. Multiple cancer	M	11	....	1	....	....	....	....	....	....	....	....	....	1	1	2	1	....	1	2	....	2	....	....	....	....	....	....	53K
	F	14	....	....	....	....	....	....	....	1	....	....	....	....	1	2	3	3	2	2	....	....	....	....	....	....	....	....	
53M. Of unspecified or unknown location	M	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	2	....	....	....	....	....	....	53M
	F	2	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	
54. Non-malignant tumours	M	89	....	....	....	2	....	3	....	2	....	1	3	3	4	5	4	5	10	13	13	11	8	2	....	....	....	....	54
	F	169	1	1	....	....	....	1	....	1	5	7	5	13	9	25	18	12	17	22	18	7	6	1	....	....	....	....	
54A. Of the ovary	F	30	....	....	....	....	....	....	....	....	2	3	1	2	1	4	1	3	3	4	4	....	1	1	....	....	....	....	54A
54B. Of the uterus	F	51	....	....	....	....	....	....	....	....	....	1	4	6	6	13	8	1	2	5	3	1	1	....	....	....	....	....	54B
54C. Of other female genital organs	F	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	54C
54D. Of the brain	M	25	....	....	....	1	....	3	....	....	....	1	3	2	4	2	....	2	4	1	2	....	....	....	....	....	....	....	54D
	F	19	....	....	....	....	....	1	....	1	1	1	....	4	....	3	3	2	1	....	2	....	....	....	....	....	....	....	
54E. Of the thyroid gland	M	9	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	4	2	2	....	....	....	....	....	....	....	54E
	F	51	....	....	....	....	....	....	....	....	....	1	....	....	1	2	4	5	11	13	8	3	3	....	....	....	....	....	
54F. Of the prostate gland	M	39	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	3	1	8	9	9	6	2	....	....	....	....	54F
54G. Of other or unspecified sites	M	16	....	....	....	1	....	....	....	2	....	....	....	1	....	3	2	....	1	2	....	2	2	....	....	....	....	....	54G
	F	17	1	1	....	....	....	....	....	....	2	1	....	1	....	3	2	1	....	....	1	3	1	....	....	....	....	....	
55. Tumours, nature not specified	M	18	....	....	....	....	....	....	1	1	....	1	1	1	....	1	1	2	2	3	....	....	2	1	1	....	....	....	55
	F	13	....	....	....	....	....	....	1	....	....	....	1	1	....	2	1	1	1	....	....	3	1	1	....	....	....	....	
55D Of the brain	M	10	....	....	....	....	....	....	1	1	....	1	1	1	....	1	1	1	1	....	....	....	1	....	....	....	....	....	55D
	F	5	....	....	....	....	....	....	1	....	....	....	1	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	
55G. Of other or unspecified sites	M	8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	3	....	....	1	1	1	....	....	....	55G
	F	8	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	1	....	....	....	3	1	1	....	....	....	....	
CLASS III.—RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS AND OTHER GENERAL DISEASES																											
Total	...	1166	65	15	2	4	4	16	23	32	24	35	22	33	48	66	81	102	128	136	138	111	50	25	4	1	....	1	
	M	437	41	8	....	3	2	8	10	13	9	18	10	13	18	28	23	26	37	51	52	40	18	7	1	....	....	1	
	F	729	24	7	2	1	2	8	13	19	15	17	12	20	30	38	58	76	91	85	86	71	32	18	3	1	....	....	
56. Acute rheumatic fever	M	91	....	1	....	2	1	6	7	7	6	11	6	6	9	7	5	2	5	3	4	1	2	....	....	....	....	....	56
	F	101	....	....	....	1	1	7	11	11	7	8	5	11	11	7	3	8	1	4	2	2	....	1	....	....	....	....	
57. Chronic rheumatism, osteo-arthritis	M	14	....	....	....	....	....	....	....	....	....	....	....	....	....	1	2	1	2	2	3	1	1	1	....	....	....	....	57
	F	27	....	....	....	....	....	....	....	....	....	1	1	....	2	1	1	3	3	3	4	5	2	1	....	....	....	....	
59. Diabetes mellitus	M	224	....	....	....	....	....	1	1	6	3	6	3	3	7	10	8	20	23	40	36	34	15	6	1	....	....	1	59
	F	355	....	1	....	....	....	....	2	4	3	2	4	1	9	11	20	36	58	56	58	50	22	14	3	1	....	....	
60. Scurvy	M	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	60
	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	
63. Rickets	M	4	....	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	63
	F	5	2	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	

65. Diseases of the pituitary gland.	M	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	65
	F	2	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	
66. Diseases of the thyroid and parathyroid glands.........	M	49	9	1	....	....	....	....	....	....	....	....	....	4	2	8	7	2	7	4	4	1	....	....	....	....	....	....	66
	F	184	1	2	....	....	....	....	....	3	4	6	1	7	5	17	29	27	23	19	22	11	5	2	....	....	....	....	
66A. Simple goitre..............	M	4	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	1	1	....	....	....	....	....	....	66A
	F	25	....	....	....	....	....	....	....	....	1	1	....	....	....	2	2	2	5	2	4	2	3	1	....	....	....	....	
66B. Exophthalmic goitre.........	M	33	....	....	....	....	....	....	....	....	....	....	....	3	2	7	7	2	5	4	3	....	....	....	....	....	....	....	66B
	F	147	1	....	....	....	....	....	....	3	3	4	1	7	5	13	26	23	17	17	16	9	2	....	....	....	....	....	
66C. Myxoedema, cretinism.......	M	2	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	66C
	F	6	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	2	....	....	1	....	....	....	....	
66D. Tetany....................	M	9	9	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	66D
	F	2	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	
66E. Others under this title.......	M	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	66E
	F	4	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	1	1	....	....	....	....	....	....	....	....	....	
67. Diseases of the thymus gland..	M	36	32	1	....	1	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	67
	F	24	21	1	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
68. Diseases of the adrenals (addison's disease).............	M	3	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	68
	F	8	....	....	....	....	....	....	....	....	....	....	....	....	2	1	2	1	1	1	....	....	....	....	....	....	....	....	
69. Other general diseases........	M	14	....	1	....	....	....	1	....	....	....	1	1	....	....	1	1	....	....	2	4	2	....	....	....	....	....	....	69
	F	22	....	....	1	....	1	1	....	....	....	....	1	1	1	1	3	....	4	2	....	3	3	....	....	....	....	....	
69A. Fatty or amyloid degeneration	M	12	....	1	....	....	....	....	....	....	....	1	1	....	....	1	1	....	....	2	3	2	....	....	....	....	....	....	69A
	F	10	....	....	....	....	....	....	....	....	....	....	....	1	1	1	2	....	3	....	....	2	....	....	....	....	....	....	
69B. Steatosis...................	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	69B
69C. Others under this title.......	M	2	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	69C
	F	11	....	....	1	....	1	1	....	....	....	....	1	....	....	....	....	....	1	2	....	1	3	....	....	....	....	....	
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS																													
Total....................	...	508	5	7	7	3	3	4	7	8	12	16	9	16	14	26	26	36	53	60	62	80	40	12	2	....	....	....	
	M	236	4	2	4	2	2	2	2	2	10	9	5	11	5	12	10	13	26	27	23	38	22	4	1	....	....	....	
	F	272	1	5	3	1	1	2	5	6	2	7	4	5	9	14	16	23	27	33	39	42	18	8	1	....	....	....	
70. Haemorrhagic conditions......	M	8	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	2	....	1	2	....	....	....	....	....	....	70
	F	9	....	....	....	....	....	....	....	....	2	1	....	....	1	....	3	....	....	....	....	1	1	....	....	....	....	....	
70A. Simple purpura.............	M	6	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	1	2	....	....	....	....	....	....	70A
	F	8	....	....	....	....	....	....	....	....	2	1	....	....	1	....	2	....	....	....	....	1	1	....	....	....	....	....	
70B. Haemophilia...............	M	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	70B
	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	
71. Anaemia....................	M	124	1	1	1	....	....	1	....	....	2	1	....	2	2	4	4	4	14	18	17	29	20	2	1	....	....	....	71
	F	168	....	....	1	....	....	....	....	....	....	4	1	1	2	5	6	16	17	24	33	34	15	8	1	....	....	....	
71A. Pernicious anaemia.........	M	119	1	1	1	....	....	1	....	....	1	1	....	2	2	4	4	4	14	18	17	29	17	2	....	....	....	....	71A
	F	156	....	....	1	....	....	....	....	....	....	4	1	1	1	4	5	16	17	24	32	31	13	6	....	....	....	....	
71B. Others under this title.......	M	5	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	3	....	1	....	....	....	71B
	F	12	....	....	....	....	....	....	....	....	....	....	....	....	1	1	1	....	....	....	1	3	2	2	1	....	....	....	
72. Leukaemia and aleukaemia....	M	87	2	....	3	2	2	1	2	1	6	7	3	8	3	5	4	7	9	7	5	6	2	2	....	....	....	....	72
	F	82	1	5	2	1	1	2	4	4	....	1	3	4	3	9	6	6	10	7	5	7	1	....	....	....	....	....	
72A. Leukaemia.................	M	61	2	....	3	2	2	1	2	1	4	3	3	2	2	3	4	4	8	5	4	3	2	1	....	....	....	....	72A
	F	66	1	5	2	1	1	2	2	2	....	1	2	1	2	9	4	6	9	5	4	6	1	....	....	....	....	....	
72B. Aleukaemia (Hodgkin's disease)..................	M	26	....	....	....	....	....	....	....	....	2	4	....	6	1	2	....	3	1	2	1	3	....	1	....	....	....	....	72B
	F	16	....	....	....	....	....	....	2	2	....	....	1	3	1	....	2	....	1	2	1	1	....	....	....	....	....	....	

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1937—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																									
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
73. Diseases of the spleen	M	12		1						1		1	1	1		1	2	1		2		1							73
	F	10							1	2		1			1		1	1		1	1		1						
74. Other diseases of the blood and blood-forming organs	M	5									1		1			2			1										74
	F	3													2					1									
CLASS V.—CHRONIC POISONINGS AND INTOXICATIONS																													
Total	...	73										1	2	9	11	6	12	10	10	6	4	2							
	M	64										1	2	7	9	6	12	8	7	6	4	2							
	F	9												2	2			2	3										
75. Alcoholism	M	57										1	2	6	8	6	11	7	4	6	4	2							75
	F	6												1	1			2	2										
75A. Delirium tremens	M	4												1	1		1	1											75A
	F	1																1											
75B. Other alcoholic intoxications	M	53										1	2	5	7	6	10	6	4	6	4	2							75B
	F	5												1	1			1	2										
76. Chronic poisoning, by other organic substances	M	4												1			1	1	1										76
	F	2												1					1										
76A. Chronic morphinism	M	3															1	1	1										76A
	F	1												1															
76D. Other organic poisoning	M	1												1															76D
	F	1																	1										
77. Chronic poisoning by mineral substances	M	3													1				2										77
	F	1													1														
77A. Lead (including occupational)	M	3													1				2										77A
77C. Others under this title	F	1													1														77C
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE																													
Total	...	1714	57	17	9	8	7	20	23	38	33	34	44	48	70	72	92	93	146	179	204	233	169	88	24	6			
	M	851	42	10	3	2	4	9	14	20	18	21	26	24	32	44	46	47	74	92	91	105	83	32	10	2			
	F	863	15	7	6	6	3	11	9	18	15	13	18	24	38	28	46	46	72	87	113	128	86	56	14	4			

78. Encephalitis (non-epidemic)...	M	15	....	1	....	....	....	....	1	1	....	....	2	....	1	3	1	1	....	....	....	2	....	2	....	....	....	....	78
	F	13	1	....	....	....	....	1	1	....	....	....	1	1	....	1	1	....	2	2	....	1	1	....	....	....	....	....	
79. Simple meningitis..........	M	26	8	3	1	....	....	2	2	1	....	3	2	....	1	....	....	1	....	....	1	1	....	....	....	....	....	....	79
	F	20	4	2	....	4	....	2	2	1	1	....	1	....	....	....	....	1	1	1	....	....	....	....	....	....	....	....	
80. Progressive locomotor ataxia (tabes dorsalis)..........	M	23	....	....	....	....	....	....	....	....	....	....	....	1	1	1	3	2	3	1	3	6	1	1	....	....	....	....	80
	F	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1	....	....	....	....	....	
81. Other diseases of the spinal cord	M	50	....	....	....	....	....	1	2	2	1	2	....	1	....	5	3	3	6	8	4	7	4	1	....	....	....	....	81
	F	40	....	....	1	....	....	....	1	....	2	1	1	....	2	2	2	5	3	3	4	6	3	2	1	1	....	....	
82. Cerebral haemorrhage, cerebral embolism and thrombosis...	M	354	....	....	....	....	....	....	....	2	1	4	1	4	8	13	18	17	29	46	55	59	62	25	8	2	....	....	82
	F	416	....	....	....	....	....	....	....	2	1	....	2	3	13	9	19	19	34	49	67	77	67	38	13	3	....	....	
82A. Cerebral haemorrhage.......	M	278	....	....	....	....	....	....	....	2	1	4	1	3	6	11	15	14	25	38	39	45	50	21	2	1	....	....	82A
	F	331	....	....	....	....	....	....	....	2	1	....	2	3	11	9	16	15	28	39	57	62	47	27	10	2	....	....	
82B. Cerebral embolism and thrombosis..................	M	37	....	....	....	....	....	....	....	....	....	....	....	1	2	1	1	1	2	5	8	2	6	3	4	1	....	....	82B
	F	42	....	....	....	....	....	....	....	....	....	....	....	....	2	....	3	2	4	5	4	7	9	4	1	1	....	....	
82C. Softening of the brain.......	M	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	1	....	1	....	....	....	82C
	F	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	1	1	....	....	....	
82D. Hemiplegia and other paralysis, cause not specified.....	M	35	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	2	2	3	8	11	5	1	1	....	....	....	82D
	F	39	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	2	5	6	8	9	6	1	....	....	....	
83. General paralysis of the insane.	M	57	....	....	....	....	....	....	....	....	....	....	3	8	11	8	9	8	5	2	1	2	....	....	....	....	....	....	83
	F	25	....	....	....	....	....	....	....	....	2	....	1	4	4	....	1	4	2	3	1	1	1	1	....	....	....	....	
84. Dementia praecox and other psychoses................	M	79	....	....	....	....	1	....	1	1	7	8	9	7	8	4	2	6	8	7	5	2	2	1	....	....	....	....	84
	F	105	....	....	....	....	....	....	....	4	5	2	7	6	14	11	12	5	9	11	8	8	3	....	....	....	....	....	
84A. Dementia praecox...........	M	64	....	....	....	....	....	....	....	1	5	8	8	7	8	4	1	5	6	4	4	2	1	....	....	....	....	....	84A
	F	77	....	....	....	....	....	....	....	2	5	2	7	4	13	6	8	4	7	5	7	4	3	....	....	....	....	....	
84B. Other psychoses............	M	15	....	....	....	....	1	....	1	....	2	....	1	....	....	....	1	1	2	3	1	....	1	1	....	....	....	....	84B
	F	28	....	....	....	....	....	....	....	2	....	....	....	2	1	5	4	1	2	6	1	4	....	....	....	....	....	....	
85. Epilepsy....................	M	49	1	....	....	....	....	....	3	7	5	2	7	....	....	6	4	3	6	2	2	1	....	....	....	....	....	....	85
	F	42	....	....	....	....	2	1	3	5	1	4	....	3	3	1	2	4	3	1	3	5	....	1	....	....	....	....	
86. Convulsions (under 5 years of age).....................	M	24	20	2	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	86
	F	6	1	2	1	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
87. Other diseases of the nervous system...................	M	114	1	1	....	1	....	2	1	1	2	....	2	1	....	3	3	3	15	22	19	21	12	2	2	....	....	....	87
	F	138	2	2	1	....	1	1	1	3	1	3	4	5	2	2	5	6	16	13	24	26	9	11	....	....	....	....	
87A. Chorea....................	F	4	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	87A
87B. Neuralgia and neuritis.......	M	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	3	....	....	....	....	....	....	87B
	F	11	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	3	2	1	3	1	....	....	....	....	
87C. Paralysis agitans............	M	54	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	9	14	10	11	7	....	....	....	....	....	87C
	F	51	....	....	....	....	....	....	....	....	....	....	2	....	....	....	1	2	8	5	13	17	2	1	....	....	....	....	
87D. Sclerosis (other than of the spinal cord)..............	M	33	....	....	....	....	....	....	....	....	....	....	2	....	....	1	2	....	5	6	5	6	2	2	2	....	....	....	87D
	F	42	....	....	....	....	....	....	....	2	....	....	2	2	1	1	2	2	4	3	7	4	4	8	....	....	....	....	
87E. Others under this title.......	M	23	1	1	....	1	....	2	1	1	2	....	....	....	....	2	....	2	1	2	3	1	3	....	....	....	....	....	87E
	F	30	2	2	1	....	1	1	1	....	1	2	....	3	1	1	2	1	3	1	2	4	....	1	....	....	....	....	
88. Diseases of the organs of vision	M	9	2	....	....	....	....	....	1	1	....	1	....	....	1	....	....	....	....	....	....	2	1	....	....	....	....	....	88
	F	7	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	1	....	1	....	3	....	....	....	....	
89. Diseases of the ear and mastoid process..................	M	51	10	3	1	1	2	4	3	4	2	1	....	2	1	1	3	3	2	4	1	2	1	....	....	....	....	....	89
	F	47	7	1	3	....	....	6	1	3	2	3	1	2	....	1	4	....	2	2	5	3	1	....	....	....	....	....	
89A. Otitis.....................	M	28	9	1	1	....	....	1	1	2	1	1	....	1	1	1	....	....	2	3	1	1	1	....	....	....	....	....	89A
	F	23	6	1	1	....	....	3	....	2	....	1	1	....	....	....	1	....	....	....	5	1	1	....	....	....	....	....	
89B. Diseases of the mastoid process	M	23	1	2	....	1	2	3	2	2	1	....	....	1	....	....	3	3	....	1	....	1	....	....	....	....	....	....	89B
	F	23	1	....	2	....	....	3	1	1	2	2	....	2	....	....	3	....	2	2	....	2	....	....	....	....	....	....	
89C. Others under this title.......	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	89C

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1937—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																								
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM																													
Total	...	12050	5	7	2	1	1	7	15	27	32	49	68	114	209	369	555	921	1071	1473	1930	2172	1713	966	353	76	13	1	
	M	6557	4	4	1	1	1	4	10	14	16	22	48	69	124	225	332	530	671	835	1033	1165	817	457	142	26	5	1	
	F	5493	1	3	1	....	....	3	5	13	16	27	20	45	85	144	223	291	400	638	897	1007	896	509	211	50	8	....	
90-95. diseases of the heart	M	4238	....	3	....	1	1	4	8	14	16	19	39	61	105	183	262	412	502	567	643	681	405	220	78	13	1	....	90-95
	F	2988	....	2	1	....	....	3	3	13	16	26	18	36	60	81	131	173	259	363	467	519	440	245	111	17	4	....	
90. Pericarditis	M	8	....	1	....	1	....	....	....	....	....	....	....	1	1	1	....	....	1	1	....	....	1	....	....	....	....	....	90
	F	2	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	
91. Acute endocarditis	M	33	....	....	....	....	....	1	1	1	3	4	4	2	6	5	2	2	1	1	....	....	....	....	....	....	....	....	91
	F	39	....	....	....	....	....	1	....	5	6	5	2	4	6	3	3	....	2	....	1	1	....	....	....	....	....	....	
91A. Endocarditis, specified as acute	M	26	....	....	....	....	....	1	1	1	1	3	3	2	3	5	2	2	1	1	....	....	....	....	....	....	....	....	91A
	F	31	....	....	....	....	....	1	....	2	5	4	2	4	3	3	3	....	2	....	1	1	....	....	....	....	....	....	
91B. Endocarditis, unspecified (under 45 years of age)	M	7	....	....	....	....	....	....	....	....	2	1	1	....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	91B
	F	8	....	....	....	....	....	....	....	3	1	1	....	....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	
92. Chronic endocarditis, valvular diseases	M	514	....	....	....	....	....	2	4	7	4	2	9	13	8	23	22	37	43	65	76	101	54	35	8	1	....	....	92
	F	493	....	....	....	....	....	1	....	5	9	7	7	18	14	18	30	19	35	52	64	77	69	47	18	3	....	....	
92A. Endocarditis, specified as chronic and other valvular diseases	M	430	....	....	....	....	....	2	4	7	4	2	9	13	8	20	19	30	38	52	58	86	45	28	5	....	....	....	92A
	F	418	....	....	....	....	....	1	....	5	9	7	7	18	14	15	22	15	32	45	49	67	55	37	17	3	....	....	
92B. Endocarditis, unspecified (45 years and over)	M	84	....	....	....	....	....	....	....	....	....	....	....	....	....	3	3	7	5	13	18	15	9	7	3	1	....	....	92B
	F	75	....	....	....	....	....	....	....	....	....	....	....	....	....	3	8	4	3	7	15	10	14	10	1	....	....	....	
93. Diseases of the myocardium	M	1128	....	1	....	....	1	....	2	3	2	3	10	10	15	30	39	47	89	132	164	223	179	115	52	10	1	....	93
	F	1136	....	2	....	....	....	1	3	1	1	8	5	9	15	23	33	39	65	84	164	219	235	148	68	10	3	....	
93A. Acute myocarditis	M	52	....	1	....	....	....	....	....	....	....	....	3	3	4	1	6	5	2	6	5	10	5	1	....	....	....	....	93A
	F	44	....	....	....	....	....	....	....	....	....	4	1	....	2	2	3	4	2	3	4	7	7	5	....	....	....	....	
93B. Myocarditis, unspecified (under 45 years of age)	M	16	....	....	....	....	1	....	1	1	2	2	2	2	5	....	....	....	....	....	....	....	....	....	....	....	....	....	93B
	F	23	....	1	....	....	....	1	2	....	1	4	3	3	8	....	....	....	....	....	....	....	....	....	....	....	....	....	
93C. Chronic myocarditis and myocardial degeneration	M	677	....	....	....	....	....	....	1	2	....	1	5	5	6	17	22	28	58	77	99	129	118	73	31	5	....	....	93C
	F	680	....	1	....	....	....	....	1	1	....	....	1	6	5	12	23	21	42	61	107	145	134	76	36	6	2	....	
93D. Myocarditis, unspecified (45 years and over)	M	383	....	....	....	....	....	....	....	....	....	....	....	....	....	12	11	14	29	49	60	84	56	41	21	5	1	....	93D
	F	389	....	....	....	....	....	....	....	....	....	....	....	....	....	9	7	14	21	20	53	67	94	67	32	4	1	....	
94. Diseases of the coronary arteries and angina pectoris	M	2358	....	....	....	....	....	....	....	3	4	8	13	31	67	114	189	321	348	353	372	315	150	56	13	1	....	....	94
	F	1160	....	....	....	....	....	....	....	1	....	3	4	3	22	28	56	105	148	204	218	195	112	41	17	2	1	....	

94A. Diseases of the coronary arteries	M	83	....	....	....	....	....	....	....	....	....	1	1	....	2	1	9	11	14	9	18	11	....	4	1	....	....	....	94A
	F	36	....	....	....	....	....	....	....	....	....	....	....	....	2	1	1	4	5	2	7	5	5	4	....	....	....	....	
94B. Embolism and thrombosis of coronary arteries	M	1938	....	....	....	....	....	....	....	3	1	5	10	28	53	101	156	265	285	286	295	264	126	48	11	1	....	....	94B
	F	957	....	....	....	....	....	....	....	....	....	3	4	3	17	24	49	91	116	177	174	162	89	32	13	2	1	....	
94C. Angina pectoris	M	337	....	....	....	....	....	....	....	....	3	2	1	3	12	12	24	45	49	58	59	40	24	4	1	....	....	....	94C
	F	167	....	....	....	....	....	....	....	1	....	....	....	....	3	3	6	10	27	25	37	28	18	5	4	....	....	....	
95. Other diseases of the heart	M	197	....	1	....	....	....	1	1	....	3	2	3	4	8	10	10	5	20	15	31	42	21	14	5	1	....	....	95
	F	158	....	....	1	....	....	....	....	1	....	3	....	1	3	9	9	10	9	23	20	27	23	9	8	2	....	....	
95A. Functional diseases of the heart	M	30	....	....	....	....	....	....	....	....	2	....	....	1	1	1	....	1	1	6	3	9	2	1	2	....	....	....	95A
	F	32	....	....	....	....	....	....	....	1	....	2	....	....	....	2	2	3	1	3	3	5	7	3	....	....	....	....	
95B. Other and unspecified	M	167	....	1	....	....	....	1	1	....	1	2	3	3	7	9	10	4	19	9	28	33	19	13	3	1	....	....	95B
	F	126	....	....	1	....	....	....	....	....	....	1	....	1	3	7	7	7	8	20	17	22	16	6	8	2	....	....	
96. Aneurysm (except of the heart)	M	48	....	....	....	....	....	....	1	....	....	1	....	2	2	7	12	3	4	8	3	3	1	1	....	....	....	....	96
	F	22	....	....	....	....	....	....	1	....	....	....	....	....	....	4	3	5	1	2	4	1	1	....	....	....	....	....	
97. Arteriosclerosis (of coronary arteries excepted)	M	1862	....	....	....	....	....	....	....	....	....	....	....	....	9	11	39	66	119	197	343	418	373	212	59	12	4	....	97
	F	1945	....	....	....	....	....	....	....	....	....	....	....	2	6	21	39	62	101	211	325	406	404	242	90	32	4	....	
98. Gangrene	M	67	1	....	....	....	....	....	....	....	....	....	....	....	....	1	1	2	3	6	10	15	14	10	2	1	....	1	98
	F	49	....	....	....	....	....	....	....	....	....	....	....	....	2	2	1	1	4	3	5	12	11	6	2	....	....	....	
99. Other diseases of the arteries	M	22	....	....	....	....	....	....	....	....	....	....	4	....	....	2	....	....	4	4	5	2	....	....	1	....	....	....	99
	F	21	....	1	....	....	....	....	....	....	....	1	....	1	2	1	2	1	....	1	4	1	6	....	....	....	....	....	
100. Diseases of the veins (varices, haemorrhoids, phlebitis, etc.)	M	28	....	....	....	....	....	....	....	....	....	....	3	....	2	2	....	3	1	5	4	4	1	2	1	....	....	....	100
	F	33	....	....	....	....	....	....	1	....	....	....	2	2	2	6	1	2	2	2	4	7	1	....	1	....	....	....	
101. Diseases of the lymphatic system (lymphangitis, etc.)	M	7	3	1	1	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	101
	F	4	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	1	....	....	....	....	....	....	
102. Idiopathic abnormalities of blood pressure	M	283	....	....	....	....	....	....	....	....	....	2	2	5	6	19	17	44	38	47	25	42	23	12	1	....	....	....	102
	F	430	....	....	....	....	....	....	....	....	....	....	....	4	13	28	46	47	33	56	87	60	33	16	7	....	....	....	
103. Other diseases of the circulatory system	M	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	103
	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM																													
Total	...	3144	415	110	32	22	14	52	27	37	58	52	81	92	94	137	134	170	215	213	282	329	299	178	77	22	1	1	
	M	1694	222	59	12	14	11	30	16	20	33	32	40	42	55	91	90	115	140	121	134	159	146	73	27	10	1	1	
	F	1450	193	51	20	8	3	22	11	17	25	20	41	50	39	46	44	55	75	92	148	170	153	105	50	12	....	....	
104. Diseases of the nasal fossae and annexa	M	21	3	....	....	2	....	2	2	....	....	3	3	....	....	....	....	2	....	2	....	1	1	....	....	....	....	....	104
	F	21	6	....	....	....	....	1	2	1	....	....	1	....	2	2	....	....	....	3	1	....	1	1	....	....	....	....	
105. Diseases of the larynx	M	13	1	2	1	1	1	2	....	....	....	....	....	....	....	2	....	....	1	....	....	1	1	....	....	....	....	....	105
	F	7	1	1	1	1	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	
105A. Croup	M	2	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	105A
	F	3	....	1	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
105B. Other diseases of the larynx	M	11	1	1	1	1	1	1	....	....	....	....	....	....	....	2	....	....	1	....	....	1	1	....	....	....	....	....	105B
	F	4	1	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	
106. Bronchitis	M	38	3	1	1	....	....	1	....	....	1	....	....	....	....	1	2	4	4	2	3	3	3	4	3	2	....	....	106
	F	47	3	2	....	....	1	....	....	....	....	1	....	....	2	2	....	1	1	1	2	8	9	7	5	2	....	....	
106A. Acute	M	11	3	1	1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	2	1	....	1	....	....	106A
	F	19	3	2	....	....	1	....	....	....	....	....	....	....	2	....	....	....	....	....	1	1	3	2	3	1	....	....	

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1937—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
106B. Chronic	M	20	....	....	....	....	....	....	....	....	1	....	....	....	....	....	2	2	3	1	3	2	1	2	2	1	....	....	106B
	F	19	....	....	....	....	....	....	....	....	....	1	....	....	....	2	....	1	1	1	1	5	3	2	1	1	....	....	
106C. Unspecified	M	7	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	2	....	1	....	1	....	1	1	....	....	....	106C
	F	9	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	3	3	1	....	....	....	
107. Bronchopneumonia	M	676	156	42	7	6	3	14	7	1	5	6	5	7	13	23	22	30	42	35	49	69	76	37	16	4	1	....	107
	F	629	121	27	10	2	....	7	3	2	6	5	6	9	8	16	15	18	31	32	61	83	70	62	29	6	....	....	
107A. Bronchopneumonia	M	675	156	42	7	6	3	14	7	1	5	6	5	7	13	23	22	30	42	35	49	69	75	37	16	4	1	....	107A
	F	625	121	27	10	2	....	7	3	2	6	4	6	9	8	16	15	18	31	31	60	83	70	62	28	6	....	....	
107B. Capillary bronchitis	M	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	107B
	F	4	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	1	....	....	....	1	....	....	....	
108. Lobar pneumonia	M	544	17	5	3	2	1	7	6	18	20	19	17	25	25	44	39	52	60	48	41	48	28	14	5	....	....	....	108
	F	441	28	9	7	3	2	9	5	10	11	12	25	30	16	13	23	26	30	36	46	45	34	16	4	1	....	....	
109. Pneumonia, unspecified	M	159	38	5	....	1	2	1	....	....	4	3	9	3	5	1	8	4	9	14	16	15	13	7	....	1	....	....	109
	F	146	25	9	1	2	....	2	....	2	5	1	2	2	4	3	3	3	3	4	17	13	23	14	5	3	....	....	
110. Pleurisy	M	57	4	3	....	2	3	2	1	1	2	....	2	1	4	4	6	5	5	2	3	3	4	....	....	....	....	....	110
	F	31	4	2	1	....	....	1	1	....		1	1	3	2	2	1	1	2	2	2	2	1	1	1	....	....	...	
111. Congestion and haemorrhagic infarct of the lung, etc.	M	35	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	3	3	6	10	6	2	3	....	....	111
	F	38	4	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	2	4	10	7	3	5	....	....	....	
111A. Pulmonary embolism and thrombosis	M	2	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	111A
	F	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	
111B. Others under this title	M	33	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	2	3	6	10	6	2	3	....	....	111B
	F	36	4	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	2	2	10	7	3	5	....	....	....	
112. Asthma	M	111	....	1	....	....	....	1	....	....	1	1	2	2	6	10	6	14	14	11	14	12	9	5	1	....	....	1	112
	F	79	1	1	....	....	....	1	....	1	2	....	4	6	5	6	2	3	7	10	14	8	6	1	1	....	....	....	
113. Pulmonary emphysema	M	3	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	1	....	....	....	....	....	....	....	113
	F	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	
114. Other diseases of the respiratory system (tuberculosis excepted)	M	37	....	....	....	....	1	....	....	....	....	....	2	3	2	4	7	4	5	3	4	1	1	....	....	....	....	....	114
	F	9	....	....	....	....	....	....	....	1	1	....	1	....	....	....	....	2	....	1	1	1	1	....	....	....	....	....	
114A. Chronic interstitial pneumonia including occupational diseases of the respiratory system	M	9	....	....	....	....	....	....	....	....	....	....	....	....	....	2	2	1	2	....	2	....	....	....	....	....	....	....	114A
114C. Others under this title	M	28	....	....	....	....	1	....	....	....	....	....	2	3	2	2	5	3	3	3	2	1	1	....	....	....	....	....	114C
	F	9	....	....	....	....	....	....	....	1	1	....	1	....	....	....	....	2	....	1	1	1	1	....	....	....	....	....	
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM																													
Total	...	2454	411	61	22	30	21	63	53	52	58	47	66	67	96	136	143	182	194	185	187	159	136	66	16	2	....	1	
	M	1338	233	30	13	14	10	36	31	29	28	30	40	44	51	87	89	107	110	87	101	77	59	25	6	....	....	1	
	F	1116	178	31	9	16	11	27	22	23	30	17	26	23	45	49	54	75	84	98	86	82	77	41	10	2	....	....	

115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations)....	M	82	4	5	2	3	1	7	4	1	3	6	2	2	5	7	4	6	5	3	2	6	4	....	....	....	....	....	115
	F	76	....	4	....	4	4	5	2	6	3	1	1	2	4	5	3	2	5	6	6	4	5	3	1	....	....	....	
115A. Diseases of the buccal cavity and annexa...............	M	24	....	1	....	....	....	1	....	....	....	....	1	....	1	2	2	4	2	2	2	3	3	....	....	....	....	....	115A
	F	19	....	....	....	....	....	1	....	1	1	....	....	1	....	1	2	1	2	1	....	1	4	2	1	....	....	....	
115B. Diseases of the tonsils......	M	29	1	2	1	3	1	5	2	1	1	3	1	1	3	1	1	....	1	1	....	....	....	....	....	....	....	....	115B
	F	24	....	4	....	2	1	3	2	1	....	....	....	....	2	1	....	1	2	1	2	1	1	....	....	....	....	....	
115C. Others under this title......	M	29	3	2	1	....	....	1	2	....	2	3	....	1	1	4	1	2	2	....	....	3	1	....	....	....	....	....	115C
	F	33	....	....	....	2	3	1	....	4	2	1	1	1	2	3	1	....	1	4	4	2	....	1	....	....	....	....	
116. Diseases of the oesophagus...	M	7	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	1	1	....	1	....	....	1	1	....	....	....	116
	F	2	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	
117. Ulcer of the stomach or duodenum..................	M	241	....	....	....	....	....	....	....	1	....	7	8	16	16	25	32	33	26	24	26	17	6	4	....	....	....	....	117
	F	61	1	....	....	....	....	....	....	....	2	....	3	....	2	5	4	8	6	5	8	6	6	4	....	1	....	....	
117A. Ulcer of the stomach.......	M	120	....	....	....	....	....	....	....	1	....	3	2	8	6	9	18	16	13	11	17	9	5	2	....	....	....	....	117A
	F	39	1	....	....	....	....	....	....	....	....	....	2	....	1	3	3	7	4	3	6	2	3	3	....	1	....	....	
117B. Ulcer of the duodenum.....	M	121	....	....	....	....	....	....	....	....	....	4	6	8	10	16	14	17	13	13	9	8	1	2	....	....	....	....	117B
	F	22	....	....	....	....	....	....	....	....	2	....	1	....	1	2	1	1	2	2	2	4	3	1	....	....	....	....	
118. Other diseases of the stomach	M	27	8	1	....	....	....	....	....	1	....	....	....	....	....	2	....	1	2	1	5	2	3	1	....	....	....	....	118
	F	27	6	2	....	....	1	1	1	....	....	....	1	....	....	1	1	2	2	2	3	....	....	1	2	1	....	....	
119. Diarrhoea and enteritis (under 2 years of age)............	M	216	197	19	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	119
	F	183	163	20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
120. Diarrhoea and enteritis (2 years and over)...........	M	73	....	....	6	5	5	2	3	3	2	2	3	3	....	4	1	7	2	6	5	7	4	2	1	....	....	....	120
	F	91	....	....	5	6	....	2	1	2	3	3	3	2	1	1	5	4	5	7	4	15	14	7	1	....	....	....	
120A. Diarrhoea and enteritis....	M	55	....	....	6	5	5	2	3	1	....	....	1	3	....	4	....	1	2	5	3	7	4	2	1	....	....	....	120A
	F	71	....	....	5	6	....	2	1	2	3	1	3	1	1	....	4	1	3	5	2	12	11	7	1	....	....	....	
120B. Ulceration of the intestines.	M	18	....	....	....	....	....	....	....	2	2	2	2	....	....	....	1	6	....	1	2	....	....	....	....	....	....	....	120B
	F	20	....	....	....	....	....	....	....	....	....	2	....	1	....	1	1	3	2	2	2	3	3	....	....	....	....	....	
121. Appendicitis................	M	210	1	2	4	5	4	22	16	21	12	8	15	15	14	13	13	11	11	4	11	5	2	1	....	....	....	....	121
	F	160	....	1	3	5	6	17	14	10	12	8	7	4	13	8	6	11	10	12	9	2	2	....	....	....	....	....	
122. Hernia, intestinal obstruction.	M	240	16	2	1	1	....	2	5	2	8	5	2	2	6	13	14	21	30	24	23	27	21	12	2	....	....	1	122
	F	175	4	3	....	1	....	1	....	2	4	3	3	4	12	7	10	17	18	17	18	16	25	9	1	....	....	....	
122A. Hernia..................	M	127	3	1	....	....	....	....	1	....	4	3	1	1	2	5	7	10	17	18	14	14	17	6	2	....	....	1	122A
	F	80	....	....	....	....	....	....	....	....	1	....	2	2	6	3	3	9	11	13	10	9	7	4	....	....	....	....	
122B. Intestinal obstruction......	M	113	13	1	1	1	....	2	4	2	4	2	1	1	4	8	7	11	13	6	9	13	4	6	....	....	....	....	122B
	F	95	4	3	....	1	....	1	....	2	3	3	1	2	6	4	7	8	7	4	8	7	18	5	1	....	....	....	
123. Other diseases of the intestines	M	29	....	1	....	....	....	....	1	....	....	....	2	....	....	6	5	5	3	2	3	....	1	....	....	....	....	....	123
	F	38	....	....	....	....	....	....	1	1	....	....	....	1	1	3	3	4	3	3	5	5	2	4	2	....	....	....	
124. Cirrhosis of the liver........	M	82	....	....	....	....	....	1	1	....	1	1	....	3	7	5	5	8	14	12	11	2	8	2	1	....	....	....	124
	F	47	....	....	....	....	....	....	....	....	1	2	2	....	2	2	6	3	6	4	5	8	1	5	....	....	....	....	
124A. Specified as alcoholic.......	M	12	....	....	....	....	....	....	....	....	....	....	....	....	2	2	2	1	3	1	1	....	....	....	....	....	....	....	124A
	F	2	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
124B. Not specified as alcoholic...	M	70	....	....	....	....	....	1	1	....	1	1	....	3	5	3	3	7	11	11	10	2	8	2	1	....	....	....	124B
	F	45	....	....	....	....	....	....	....	....	1	1	1	....	2	2	6	3	6	4	5	8	1	5	....	....	....	....	
125. Other diseases of the liver....	M	21	1	....	....	....	....	1	....	....	....	1	1	....	....	3	4	1	3	....	3	1	2	....	....	....	....	....	125
	F	21	....	....	1	....	....	....	....	1	....	....	....	3	2	3	1	2	....	2	2	1	2	1	....	....	....	....	
125A. Yellow atrophy of the liver..	M	4	....	....	....	....	....	....	....	....	....	1	....	....	....	2	....	....	....	....	1	....	....	....	....	....	....	....	125A
	F	8	....	....	1	....	....	....	....	....	....	....	....	2	2	2	....	1	....	....	....	....	....	....	....	....	....	....	
125B. Others under this title......	M	17	1	....	....	....	....	1	....	....	....	....	1	....	....	1	4	1	3	....	2	1	2	....	....	....	....	....	125B
	F	13	....	....	....	....	....	....	....	1	....	....	....	1	....	1	1	1	....	2	2	1	2	1	....	....	....	....	
126. Biliary calculi..............	M	31	....	....	....	....	....	....	....	....	....	....	2	....	....	4	3	3	4	4	1	6	3	1	....	....	....	....	126
	F	118	....	....	....	....	....	....	....	....	1	....	4	3	7	8	10	13	17	26	12	6	6	3	2	....	....	....	
127. Other diseases of the gall-bladder and biliary passages	M	54	2	....	....	....	....	....	....	....	1	....	2	2	2	1	6	8	5	6	9	4	4	1	1	....	....	....	127
	F	99	3	....	....	....	....	....	1	1	....	....	2	1	1	6	3	9	11	13	12	18	13	4	1	....	....	....	

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1937—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																							
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
128. Diseases of the pancreas.....	M	11	....	....	....	....	....	....	....	....	....	....	1	1	1	1	2	1	1	1	1	....	1	....	....	....	....	....	128
	F	5	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	2	1	....	....	....	....	....	....	
129. Peritonitis, cause not specified	M	14	4	....	....	....	....	1	....	....	1	....	2	....	....	2	....	1	3	....	....	....	....	....	....	....	....	....	129
	F	13	1	....	....	....	....	1	2	....	4	....	....	2	....	....	1	....	1	....	....	....	1	....	....	....	....	....	
CLASS X.—DISEASES OF THE GENITO-URINARY SYSTEM																											
Total..................	M	2796	8	4	....	1	1	8	11	15	24	26	37	62	86	114	140	157	231	294	413	478	395	220	64	3	2	2	
	M	1708	4	1	....	1	1	2	6	4	12	13	21	34	45	59	77	91	142	189	245	306	259	149	43	1	1	2	
	F	1088	4	3	....	....	....	6	5	11	12	13	16	28	41	55	63	66	89	105	168	172	136	71	21	2	1	....	
130. Acute nephritis (including unspecified, under 10 years of age)...................	M	38	3	....	....	1	1	1	....	3	1	3	....	3	3	1	3	3	3	3	3	1	1	1	....	....	....	....	130
	F	23	1	....	....	....	....	2	2	2	2	....	....	....	1	2	1	2	2	1	3	2	....	....	....	....	....	....	
131. Chronic nephritis..........	M	755	....	....	....	....	....	1	2	1	8	7	12	16	24	34	45	53	81	86	109	109	91	56	16	1	1	2	131
	F	662	....	....	....	....	....	3	1	8	2	7	8	10	18	26	35	36	64	68	114	117	87	42	15	1	....	....	
132. Nephritis, unspecified (10 years and over)..........	M	254	....	....	....	....	....	....	3	....	2	1	3	5	11	11	14	13	15	31	25	51	36	25	8	....	....	....	132
	F	214	....	....	....	....	....	....	2	....	1	....	1	3	4	11	15	14	9	26	35	35	31	21	5	1	....	....	..
133. Other diseases of the kidneys and ureters..............	M	64	....	1	....	....	....	....	....	....	....	....	2	5	2	10	2	8	1	6	6	10	6	4	1	....	....	....	133
	F	64	3	3	....	....	....	1	....	1	2	....	3	5	6	3	2	1	6	3	6	10	5	4	....	....	....	....	
134. Calculi of the urinary passages	M	40	....	....	....	....	....	....	1	....	1	1	3	3	4	2	4	2	9	3	3	1	2	1	....	....	....	....	134
	F	20	....	....	....	....	....	....	....	....	....	1	1	2	1	2	2	3	2	1	2	....	2	....	....	....	1	....	
135. Diseases of the bladder (tumours excepted).......	M	50	....	....	....	....	....	....	....	....	....	1	....	2	1	1	1	....	2	7	5	9	11	9	1	....	....	....	135
	F	29	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	3	1	5	6	9	3	....	....	....	....	
136. Diseases of the urethra, urinary abscess, etc..........	M	24	....	....	....	....	....	....	....	....	....	....	1	....	....	....	2	1	3	7	4	3	2	1	....	....	....	....	136
	F	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	1	....	....	....	....	....	
136A. Stricture of the urethra.....	M	20	....	....	....	....	....	....	....	....	....	....	1	....	....	....	2	1	3	5	4	1	2	1	....	....	....	....	136A
	F	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	
136B. Others under this title......	M	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	2	....	....	....	....	....	....	136B
	F	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	
137. Diseases of the prostate......	M	479	....	....	....	....	....	....	....	....	....	....	....	....	....	....	6	11	28	46	90	122	109	50	17	....	....	....	137
138. Diseases of the male genital organs (not specified as venereal)................	M	4	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	2	....	....	....	....	138
139. Diseases of the female genital organs (not specified as venereal)................	F	72	....	....	....	....	....	....	....	....	5	5	3	8	11	10	8	8	3	5	2	1	1	1	1	....	....	....	139
139A. Of the ovary, Fallopian tube and parametrium..........	F	27	....	....	....	....	....	....	....	....	3	5	3	3	6	2	2	3	....	....	....	....	....	....	....	....	....	....	139A

139B. Of the uterus	F	44	....	....	....	....	....	....	....	....	2	....	....	5	5	8	6	5	3	4	2	1	1	1	1	....	....	....	139B
139D. Others under this title	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	139D
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE																													
Total	....	319	....	....	....	....	....	....	1	21	59	70	72	68	25	3	....	....	....	....	....	....	....	....	....	....	....	....	
140. Abortion with septic conditions	F	35	....	....	....	....	....	....	....	3	12	4	9	5	2	....	....	....	....	....	....	....	....	....	....	....	....	....	140
140A. Abortion	F	24	....	....	....	....	....	....	....	3	8	4	6	2	1	....	....	....	....	....	....	....	....	....	....	....	....	....	140A
140B. Self-induced abortion	F	11	....	....	....	....	....	....	....	....	4	....	3	3	1	....	....	....	....	....	....	....	....	....	....	....	....	....	140B
141. Abortion without mention of septic conditions (haemorrhage included)	F	10	....	....	....	....	....	....	....	....	....	5	2	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	141
141A. Abortion	F	9	....	....	....	....	....	....	....	....	....	4	2	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	141A
141B. Self-induced abortion	F	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	141B
142. Ectopic gestation	F	6	....	....	....	....	....	....	....	....	....	3	....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	142
142B. Without mention of septic conditions	F	6	....	....	....	....	....	....	....	....	....	3	....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	142B
143. Other accidents of pregnancy (haemorrhage excluded)	F	10	....	....	....	....	....	....	....	....	2	3	3	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	143
144. Puerperal haemorrhage	F	36	....	....	....	....	....	....	....	1	6	9	8	10	2	....	....	....	....	....	....	....	....	....	....	....	....	....	144
144A. Placenta praevia	F	19	....	....	....	....	....	....	....	....	3	3	5	6	2	....	....	....	....	....	....	....	....	....	....	....	....	....	144A
144B. Other haemorrhages	F	17	....	....	....	....	....	....	....	1	3	6	3	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	144B
145. Puerperal septicaemia (not specified as due to abortion)	F	65	....	....	....	....	....	....	1	5	12	18	13	13	3	....	....	....	....	....	....	....	....	....	....	....	....	....	145
145A. Puerperal septicaemia and pyaemia	F	65	....	....	....	....	....	....	1	5	12	18	13	13	3	....	....	....	....	....	....	....	....	....	....	....	....	....	145A
146. Pueperal albuminuria and eclampsia	F	67	....	....	....	....	....	....	....	9	10	10	13	16	7	2	....	....	....	....	....	....	....	....	....	....	....	....	146
147. Other toxaemias of pregnancy	F	20	....	....	....	....	....	....	....	2	6	3	1	5	3	....	....	....	....	....	....	....	....	....	....	....	....	....	147
148. Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic)	F	36	....	....	....	....	....	....	....	....	6	5	14	8	3	....	....	....	....	....	....	....	....	....	....	....	....	....	148
148A. Phlegmasia alba dolens and thrombosis	F	9	....	....	....	....	....	....	....	....	2	....	5	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	148A
148B. Embolism	F	22	....	....	....	....	....	....	....	....	4	3	7	6	2	....	....	....	....	....	....	....	....	....	....	....	....	....	148B
148C. Sudden death	F	5	....	....	....	....	....	....	....	....	....	2	2	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	148C
149. Other accidents of childbirth	F	30	....	....	....	....	....	....	....	1	5	9	8	3	4	....	....	....	....	....	....	....	....	....	....	....	....	....	149
149A. Caesarean operation	F	9	....	....	....	....	....	....	....	....	....	3	4	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	149A
149B. Other surgical operations and instrumental delivery	F	4	....	....	....	....	....	....	....	1	1	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	149B
149C. Dystocia	F	4	....	....	....	....	....	....	....	....	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	149C
149D. Rupture of uterus in parturition	F	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	149D
149E. Others under this title	F	12	....	....	....	....	....	....	....	....	2	3	3	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	149E
150. Other or unspecified condition of the puerperal state	F	4	....	....	....	....	....	....	....	....	....	1	1	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	150
150B. Others under this title	F	4	....	....	....	....	....	....	....	....	....	1	1	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	150B

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1937—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																									
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE																													
Total	...	98	6	4	1	....	....	1	3	6	4	6	8	5	3	8	9	4	7	2	5	6	8	1	1	....	....	....	
	M	63	3	2	1	....	....	....	1	6	3	6	7	4	1	8	6	2	3	1	3	3	2	....	1	....	....	....	
	F	35	3	2	....	....	....	1	2	....	1	....	1	1	2	....	3	2	4	1	2	3	6	1	....	....	....	....	
151. Carbuncle	M	14	2	....	....	....	....	....	....	2	....	2	1	....	1	1	2	....	1	....	....	1	1	....	....	....	....	....	151
	F	10	1	1	....	....	....	1	....	....	1	....	....	1	....	....	....	1	....	....	1	....	2	1	....	....	....	....	
152. Cellulitis, acute abscess	M	41	1	2	1	....	....	....	1	4	2	4	5	2	....	6	4	2	1	1	2	2	....	....	1	....	....	....	152
	F	13	....	....	....	....	....	....	2	....	....	....	1	....	2	....	1	1	3	....	....	1	2	....	....	....	....	....	
153. Other diseases of the skin and annexa and of the cellular tissue	M	8	....	....	....	....	....	....	....	....	1	....	1	2	....	1	....	....	1	....	1	....	1	....	....	....	....	....	153
	F	12	2	1	....	....	....	....	....	....	....	....	....	....	....	....	2	....	1	1	1	2	2	....	....	....	....	....	
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF LOCOMOTION																													
Total	...	111	9	2	1	....	2	6	10	4	1	4	5	4	8	3	4	4	5	10	7	10	7	4	1	....	....	....	
	M	70	5	2	1	....	....	5	8	4	1	3	4	2	6	2	2	2	4	8	3	4	3	1	....	....	....	....	
	F	41	4	....	....	....	2	1	2	....	....	1	1	2	2	1	2	2	1	2	4	6	4	3	1	....	....	....	
154. Osteomyelitis	M	45	4	2	1	....	....	3	8	3	....	2	4	2	3	1	1	1	2	3	3	2	....	....	....	....	....	....	154
	F	12	....	....	....	....	1	1	2	....	....	....	....	....	1	1	1	1	....	....	1	2	1	....	....	....	....	....	
155. Other diseases of the bones (tuberculosis excepted)	M	9	....	....	....	....	....	....	....	1	....	....	....	....	2	....	1	....	2	....	....	....	2	1	....	....	....	....	155
	F	16	....	....	....	....	....	....	....	....	....	1	1	1	1	....	....	1	....	1	2	2	2	3	1	....	....	....	
156. Diseases of the joints and other organs of locomotion	M	16	1	....	....	....	....	2	....	....	1	1	....	....	1	1	....	1	....	5	2	1	....	....	....	....	....	....	156
	F	13	4	....	....	....	1	....	....	....	....	....	....	1	....	....	1	....	1	1	1	2	1	....	....	....	....	....	
156A. Of the joints (tuberculosis and rheumatism excepted)	M	9	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	1	....	4	....	1	1	....	....	....	....	....	156A
	F	6	1	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	2	....	....	....	....	....	....	
156B. Of other organs of locomotion	M	7	1	....	....	....	....	....	....	....	1	1	....	....	1	1	....	....	....	1	....	1	....	....	....	....	....	....	156B
	F	7	3	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	1	....	....	....	....	....	

CLASS XIV.—CONGENITAL MALFORMATIONS																													
Total	...	490	428	14	6	3	3	13	7	4	4	1	2	2	....	1	....	....	1	1	....	....	....	....	....	....	....	....	
	M	260	225	4	4	2	2	8	5	3	2	1	....	2	....	1	....	....	1	....	....	....	....	....	....	....	....	....	
	F	230	203	10	2	1	1	5	2	1	2	....	2	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	
157. Congenital malformations (stillbirths excluded)	M	260	225	4	4	2	2	8	5	3	2	1	....	2	....	1	....	....	1	....	....	....	....	....	....	....	....	....	157
	F	230	203	10	2	1	1	5	2	1	2	....	2	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	
157A. Congenital hydrocephalus	M	31	24	2	1	....	1	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	157A
	F	32	26	2	1	....	1	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
157B. Spina bifida and meningocele	M	53	51	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	157B
	F	77	74	1	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
157C. Congenital malformations of the heart	M	108	88	1	1	1	1	3	5	3	1	1	....	2	....	....	....	....	1	....	....	....	....	....	....	....	....	....	157C
	F	72	62	4	1	1	....	3	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
157D. Monstrosities	M	3	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	157D
	F	6	6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
157E. Others under this title	M	65	59	1	1	1	....	2	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	157E
	F	43	35	3	....	....	....	....	1	1	1	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	
CLASS XV.—DISEASES OF EARLY INFANCY																													
Total	...	1618	1618	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
	M	925	925	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
	F	693	693	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
158. Congenital debility	M	50	50	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	158
	F	50	50	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
159. Premature birth	M	588	588	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	159
	F	456	456	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
160. Injury at birth	M	153	153	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	160
	F	106	106	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
160A. With mention of caesarean operation	M	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	160A
	F	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
160B. Without mention of caesarean operation	M	151	151	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	160B
	F	105	105	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
161. Other diseases peculiar to early infancy (under 3 months)	M	134	134	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161
	F	81	81	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
161A. Atelectasis	M	50	50	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161A
	F	28	28	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
161B. Icterus of the new-born	M	21	21	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161B
	F	13	13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
161C. Sclerema and oedema	M	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161C
161D. Athrepsia	M	6	6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161D
	F	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
161E. Others, including lack of care	M	53	53	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161E
	F	33	33	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1937—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																										
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
161F. No cause given, no doctor in attendance	M F	3 5	3 5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161F
CLASS XVI.—SENILITY																													
Total	...	439	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	51	85	111	102	65	18	6	....	
	M F	181 258	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	 1	....	20 31	44 41	42 69	44 58	25 40	5 13	1 5	....	
162. Senility	M F	181 258	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	 1	....	20 31	44 41	42 69	44 58	25 40	5 13	1 5	....	162
162A. With senile dementia (70 years and over)	M F	63 95	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	18 24	20 24	14 27	9 15	2 5	....	....	....	162A
162B. Without senile dementia (70 years and over)	M F	118 162	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2 7	24 17	28 42	35 43	23 35	5 13	1 5	....	162B
162C. Premature senility (55 years but under 70 years)	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	162C
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS																													
Total	...	2851	69	39	37	34	37	106	99	131	193	169	145	177	145	156	151	174	147	150	157	186	167	118	44	10	2	8	
	M F	1941 910	29 40	25 14	24 13	19 15	23 14	76 30	79 20	99 32	155 38	140 29	123 22	148 29	117 28	121 35	119 32	132 42	102 45	110 40	88 69	81 105	68 99	34 84	17 27	4 6	 2	8	
163–171. Suicides	M F	271 95	....	....	....	....	....	....	1	6 4	10 6	21 12	28 7	25 8	35 11	28 10	28 10	26 7	21 7	24 4	7 6	5 3	2	1	1	....	....	2	163–171
163. Suicide by solid or liquid poisons or by absorption of corrosive substances	M F	45 26	....	....	....	....	....	....	....	1 1	1 2	6 6	7 1	6 5	12 5	3	1 2	2	3	2 2	1 2	....	....	....	....	....	....	....	163
164. Suicide by poisonous gas	M F	29 7	....	....	....	....	....	....	....	....	....	4 1	6 1	1	4	3 1	2 1	6 2	2 1	....	....	1	....	....	....	....	....	....	164

165. Suicide by hanging or strangulation	M	56	....	....	....	....	....	....	....	3	....	3	8	3	6	5	8	5	6	3	4	....	1	....	1	....	....	....	165
	F	19	....	....	....	....	....	....	....	....	2	....	2	2	2	3	3	....	2	1	....	2	....	....	....	....	....	....	
166. Suicide by drowning	M	33	....	....	....	....	....	....	....	....	....	1	....	1	....	6	3	4	3	11	....	3	1	....	....	....	....	....	166
	F	20	....	....	....	....	....	....	....	1	....	3	1	....	1	6	....	2	2	....	3	1	....	....	....	....	....	....	
167. Suicide by firearms	M	66	....	....	....	....	....	....	1	2	8	6	4	6	5	7	8	6	4	5	1	1	....	....	....	....	....	2	167
	F	6	....	....	....	....	....	....	....	2	....	1	1	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	
168. Suicide by cutting or piercing instruments	M	20	....	....	....	....	....	....	....	....	....	1	2	3	3	2	1	2	2	2	1	....	....	1	....	....	....	....	168
	F	6	....	....	....	....	....	....	....	....	1	....	....	....	1	....	2	....	....	1	1	....	....	....	....	....	....	....	
169. Suicide by jumping from high places	M	15	....	....	....	....	....	....	....	....	1	....	1	3	3	2	3	1	....	1	....	....	....	....	....	....	....	....	169
	F	8	....	....	....	....	....	....	....	....	1	1	....	....	1	....	1	3	1	....	....	....	....	....	....	....	....	....	
170. Suicide by crushing	M	2	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	170
	F	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	
171. Suicide by other means	M	5	....	....	....	....	....	....	....	....	....	....	....	1	1	....	2	....	1	....	....	....	....	....	....	....	....	....	171
	F	2	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
173–175. Homicides	M	29	4	1	....	....	....	....	....	2	2	6	2	2	2	3	2	1	1	1	....	....	....	....	....	....	....	....	173–175
	F	22	6	....	....	....	....	....	1	2	5	1	2	3	....	1	1	....	....	....	....	....	....	....	....	....	....	....	
173. Homicide by firearms	M	12	....	....	....	....	....	....	....	1	2	2	1	1	2	1	....	1	1	....	....	....	....	....	....	....	....	....	173
	F	4	....	....	....	....	....	....	....	1	....	1	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
174. Homicide by cutting or piercing instruments	M	4	1	....	....	....	....	....	....	....	....	1	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	174
	F	6	3	....	....	....	....	....	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	
175. Homicide by other means	M	13	3	1	....	....	....	....	....	1	....	3	....	1	....	1	2	....	....	1	....	....	....	....	....	....	....	....	175
	F	12	3	....	....	....	....	....	1	....	5	....	1	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	
176–198. Other violent deaths	M	1641	25	24	24	19	23	76	78	91	143	113	93	121	80	90	89	105	80	85	81	76	66	33	16	4	....	6	176–198
	F	793	34	14	13	15	14	30	19	26	27	16	13	18	17	24	21	35	38	36	63	102	99	84	27	6	2	....	
176. Attack by venomous animals	M	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	176
	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	
177. Food poisoning	F	2	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	177
178. Accidental absorption of toxic gases	M	22	....	....	....	....	....	....	1	1	....	....	1	2	2	3	3	....	2	2	1	....	1	1	2	....	....	....	178
	F	7	....	....	....	....	....	....	....	....	1	1	....	....	1	....	....	....	2	1	....	1	....	....	....	....	....	....	
179. Other acute accidental poisonings (except by gas)	M	17	....	....	2	1	....	1	....	....	....	....	1	2	1	3	....	3	....	....	....	2	....	1	....	....	....	....	179
	F	15	1	2	2	....	1	....	....	....	....	1	1	1	1	1	....	2	....	....	....	2	....	....	....	....	....	....	
180. Conflagration	M	36	....	....	3	2	2	1	....	....	4	2	1	3	2	1	4	2	2	1	2	3	1	....	....	....	....	....	180
	F	5	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	2	....	1	....	....	....	....	....	....	....	
181. Accidental burns (conflagration excepted)	M	45	....	9	5	3	....	3	....	1	...	2	1	4	4	2	....	2	2	1	1	3	1	1	....	....	....	....	181
	F	58	2	4	6	6	5	4	2	....	2	....	2	2	3	....	1	2	1	....	6	6	3	1	....	....	....	....	
182. Accidental mechanical suffocation	M	29	16	2	....	....	....	....	1	....	2	1	....	1	....	....	1	....	....	....	3	1	1	....	....	....	....	....	182
	F	27	24	1	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
183. Accidental drowning	M	261	....	3	5	6	5	31	23	23	36	27	21	17	15	10	9	11	2	6	2	3	4	2	....	....	....	....	183
	F	44	....	2	4	....	1	7	5	7	4	2	4	1	2	3	....	....	....	1	1	....	....	....	....	....	....	....	
184. Accidental injury by firearms	M	27	....	....	....	....	1	....	4	8	3	2	2	2	....	....	2	1	....	....	....	1	....	....	1	....	....	....	184
	F	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
185. Accidental injury by cutting or piercing instruments	M	16	....	....	....	....	....	1	5	1	....	....	....	2	1	....	1	2	....	1	....	1	1	....	....	....	....	....	185
	F	4	1	....	....	....	....	....	....	1	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
186. Accidental injury by fall, crushing or landslide	M	1031	5	7	8	6	15	37	40	52	90	70	59	70	53	61	52	71	60	61	58	54	52	28	12	4	....	6	186
	F	555	5	5	1	8	5	15	12	18	18	8	4	13	9	14	19	24	27	33	48	84	78	76	24	6	1	....	

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1937—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																									
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
187. Cataclysm	M	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	187
188. Injuries by animals	M	24	....	1	....	....	....	1	....	2	....	1	2	2	....	2	3	2	1	3	3	1	....	....	....	....	....	....	188
	F	2	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	
189. Hunger or thirst	M	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	189
	F	2	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	
190. Excessive cold	M	8	....	....	....	....	....	....	....	....	....	1	....	....	....	....	2	....	3	1	....	1	....	....	....	....	....	....	190
	F	2	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	
191. Excessive heat	M	38	1	....	....	1	....	....	....	....	....	....	1	2	....	1	2	6	3	3	8	6	3	....	1	....	....	....	191
	F	27	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	5	3	1	4	4	4	4	....	....	....	....	
192. Lightning	M	7	....	....	....	....	....	....	1	....	....	1	....	2	....	1	....	....	1	1	....	....	....	....	....	....	....	....	192
	F	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
193. Accidents due to electric currents	M	17	....	....	....	....	....	1	....	....	2	2	2	3	....	1	4	1	1	....	....	....	....	....	....	....	....	....	193
	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	
194. Other accidents	M	54	3	2	....	....	....	....	3	3	6	3	2	6	1	5	6	3	3	4	3	....	1	....	....	....	....	....	194
	F	35	....	....	....	....	1	....	....	....	....	....	....	....	1	1	1	....	3	....	3	4	14	3	3	....	1	....	
194A. Foreign body	M	8	3	2	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	2	....	....	....	....	....	....	....	....	194A
	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	
194B. Others under this title	M	46	....	....	....	....	....	....	3	3	6	3	2	6	1	5	5	3	3	2	3	....	1	....	....	....	....	....	194B
	F	34	....	....	....	....	1	....	....	....	....	....	....	....	1	1	....	....	3	....	3	4	14	3	3	....	1	....	
195. Violent deaths of which the nature (accident, suicide, homicide) is unknown	M	4	....	....	....	....	....	....	....	....	....	....	....	2	1	....	....	1	....	....	....	....	....	....	....	....	....	....	195
	F	4	....	....	....	....	....	....	....	....	....	2	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	
198. Capital punishment	M	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	198
CLASS XVIII.—ILL-DEFINED CAUSES OF DEATH																													
Total	...	63	11	3	1	....	....	2	3	2	1	1	2	....	1	2	3	3	6	7	3	5	4	1	1	....	....	1	
	M	40	6	2	1	....	....	1	3	1	1	....	2	....	....	1	3	2	3	3	3	4	3	1	....	....	....	....	
	F	23	5	1	....	....	....	1	....	1	....	1	....	....	1	1	....	1	3	4	....	1	1	....	1	....	....	1	
199. Sudden death	M	18	....	....	....	....	....	....	....	....	....	....	1	....	....	....	2	2	1	2	2	4	3	1	....	....	....	....	199
	F	7	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	2	1	....	....	1	....	1	....	....	....	
200. Cause of death not specified or ill-defined	M	22	6	2	1	....	....	1	3	1	1	....	1	....	....	1	1	....	2	1	1	....	....	....	....	....	....	....	200
	F	16	5	1	....	....	....	1	....	1	....	1	....	....	1	....	....	....	1	3	....	1	....	....	....	....	....	1	

SPECIAL CLASSES OF ACCIDENTAL DEATHS

(Included also under the numbers of the International List above)

ONTARIO, 1937

A. Accidents in mines and quarries	M	40	....	....	....	....	....	....	....	1	8	11	4	7	4	5	....	....	....	....	....	....	....	....	....	....	....	....	A
B. Accidents caused by machines..	M	54	....	....	....	....	....	3	2	1	5	4	7	7	5	2	3	3	5	3	3	1	....	....	....	....	....	....	B
	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	
C. Railway accidents............	M	83	....	....	....	....	....	1	....	3	9	6	7	9	9	7	7	10	5	2	....	3	2	....	....	....	....	3	C
	F	10	1	....	....	1	....	1	1	....	1	1	....	1	....	....	1	1	....	1	....	....	....	....	....	....	....	....	
D. Street-car accidents...........	M	5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	2	....	....	1	1	....	....	....	....	D
	F	5	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	2	....	....	1	1	....	....	....	....	....	....	
E. Automobile and motorcycle accidents....................	M	566	1	5	8	6	12	30	34	42	62	42	30	38	30	29	29	42	39	29	29	10	13	3	....	....	....	3	E
	F	208	2	3	....	7	4	14	10	18	18	6	6	10	8	12	16	18	17	11	6	8	12	1	1	....	....	....	
F. Other land transportation......	M	31	....	....	1	....	....	3	2	5	....	2	3	2	1	2	1	3	3	2	....	....	1	....	....	....	....	....	F
	F	5	2	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	1	....	....	....	....	....	....	....	
G. Water transportation..........	M	64	....	....	....	....	....	1	4	6	14	9	7	6	2	3	4	3	1	2	....	1	1	....	....	....	....	...	G
	F	6	....	....	....	....	....	....	....	2	2	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	
H. Air transportation............	M	15	....	....	....	....	....	....	....	....	4	5	4	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	H

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
DEATHS—ALL CAUSES														
Total	...	**38475**	**5073**	**1034**	**1090**	**1370**	**2409**	5	**240**	**2522**	**6495**	**7636**	6	**10508**
	M	20690	2864	641	748	835	1157	3	42	1239	3889	5198	6	3985
	F	17785	2209	393	342	535	1252	2	198	1283	2606	2438	.....	6523
CLASS I.—INFECTIOUS AND PARASITIC DISEASES														
Total	...	3745	741	297	269	148	165	1	61	444	552	422	1	642
	M	2045	402	152	172	101	87	.....	11	225	378	278	1	236
	F	1,700	339	145	97	47	78	1	50	219	174	144	.....	406
1. Typhoid fever	M	21	.....	8	4	.....	.....	.....	3	2	4	.....	.....	.....
	F	14	2	3	1	.....	.....	.....	1	2	3	.....	.....	2
2. Paratyphoid fever	M	3	.....	.....	.....	1	.....	.....	.....	2	.....	.....	.....	.....
	F	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
5. Undulant fever	M	4	.....	.....	.....	.....	.....	.....	.....	.....	3	1	.....	.....
	F	2	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
7. Measles	M	14	13	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	16	10	2	.....	.....	.....	.....	.....	3	.....	1	.....	.....
8. Scarlet fever	M	28	21	4	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
	F	22	17	.....	.....	.....	.....	.....	1	2	2	.....	.....	.....
9. Whooping-cough	M	52	52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	52	51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
10. Diphtheria	M	12	10	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	18	16	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1
11. Influenza	M	860	152	27	34	31	62	.....	2	57	135	194	.....	165
	F	799	103	18	17	29	63	.....	8	57	92	106	.....	306
11A. Sole cause	M	53	22	1	2	.....	5	.....	.....	.....	5	10	.....	8
	F	71	18	.....	1	2	5	.....	.....	4	4	4	.....	33
11B. With bronchitis	M	36	4	.....	.....	1	6	.....	.....	1	4	9	.....	10
	F	39	1	.....	.....	.....	2	.....	.....	2	6	5	.....	23
11C. With pneumonia	M	499	78	20	21	22	30	.....	2	46	94	100	.....	86
	F	407	58	10	10	13	35	.....	6	31	55	60	.....	129
11D. With other diseases of the respiratory system	M	40	7	.....	3	2	5	.....	.....	1	7	8	.....	7
	F	46	1	.....	1	1	4	.....	.....	3	2	8	.....	26
11E. With intestinal complications	M	24	11	.....	.....	.....	4	.....	.....	1	.....	5	.....	3
	F	32	7	1	1	1	2	.....	1	3	5	4	.....	7
11F. With other causes	M	208	30	6	8	6	12	.....	.....	8	25	62	.....	51
	F	204	18	7	4	12	15	.....	1	14	20	25	.....	88
13. Dysentery	M	12	6	1	.....	.....	1	.....	.....	1	2	1	.....	.....
	F	26	14	.....	.....	.....	.....	.....	.....	.....	1	4	.....	7
15. Erysipelas	M	26	9	.....	1	.....	1	.....	.....	1	5	7	.....	2
	F	21	3	.....	.....	.....	2	.....	.....	2	2	.....	.....	12
16. Poliomyelitis and polioencephalitis (acute)	M	74	47	20	2	.....	.....	.....	.....	5	.....	.....	.....	.....
	F	45	31	8	.....	.....	.....	.....	2	4	.....	.....	.....	.....
17. Lethargic or epidemic encephalitis	M	11	3	.....	3	.....	.....	.....	.....	.....	3	1	.....	1
	F	4	.....	2	.....	.....	.....	.....	.....	.....	1	.....	.....	1
18. Epidemic cerebrospinal meningitis	M	10	5	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	7	3	2	.....	.....	.....	.....	.....	1	1	.....	.....	.....
22. Tetanus	M	13	6	.....	.....	.....	.....	.....	.....	4	1	1	.....	1
	F	4	3	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
23–32. Tuberculosis	M	741	51	84	116	51	15	.....	6	132	183	51	1	50
	F	574	62	106	72	16	12	.....	37	129	52	28	.....	60
23. Tuberculosis of the respiratory system	M	648	17	71	108	47	14	.....	6	124	167	45	1	47
	F	501	35	91	68	15	11	.....	33	118	49	26	.....	55
24. Tuberculosis of the meninges and central nervous system	M	41	27	5	2	1	.....	.....	.....	2	3	.....	.....	1
	F	31	21	5	.....	.....	.....	.....	1	3	.....	1	.....	.....
25. Tuberculosis of the intestines and peritoneum	M	15	2	3	2	.....	.....	.....	.....	2	5	.....	.....	1
	F	14	1	5	1	.....	1	.....	2	2	.....	1	.....	1
26. Tuberculosis of the vertebral column	M	5	1	.....	1	1	.....	.....	.....	1	1	.....	.....	.....
	F	4	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	2
27. Tuberculosis of the bones and joints (vertebral column excepted)	M	7	.....	2	.....	.....	1	.....	.....	.....	2	2	.....	.....
	F	2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1937

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
87	28722	6661	954	1988	150	3652	3581	3773	3314	3202	2828	2958	2829	2831	3111	3010	3386	
83	15038	3672	510	1349	121	1964	1904	1992	1776	1741	1506	1611	1526	1527	1682	1627	1834	
4	13684	2989	444	639	29	1688	1677	1781	1538	1461	1322	1347	1303	1304	1429	1383	1552	
2	2919	489	74	244	19	415	652	612	345	257	191	217	216	227	178	210	225	
2	1490	306	44	189	16	242	343	326	183	147	113	116	124	122	90	125	114	
....	1429	183	30	55	3	173	309	286	162	110	78	101	92	105	88	85	111	
....	16	1	....	3	1	2	3	....	1	....	1	4	2	2	2	2	2	1
....	13	1	....	....	....	....	1	....	1	1	1	....	3	1	1	3	2	
....	2	....	....	1	....	....	....	....	....	....	....	1	1	....	....	1	....	2
....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	
....	3	1	....	....	....	1	....	....	....	....	1	....	1	....	1	....	....	5
....	1	1	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	
....	14	....	....	....	....	1	....	3	1	2	2	3	1	....	....	1	....	7
....	14	2	....	....	....	1	4	2	1	....	2	2	....	....	....	....	4	
....	27	....	1	....	....	1	6	5	3	2	1	1	2	....	1	4	2	8
....	22	....	....	....	....	1	2	4	1	1	1	3	....	3	3	3	....	
....	52	....	....	....	....	7	8	9	3	3	1	3	3	4	5	3	3	9
....	52	....	....	....	....	3	3	5	10	3	4	5	5	6	2	4	2	
....	12	....	....	....	....	2	1	....	1	1	....	....	1	1	3	2	....	10
....	17	1	....	....	....	....	2	2	1	1	1	1	2	1	1	3	3	
1	681	117	20	37	5	138	233	204	88	39	22	11	5	22	15	40	43	11
....	669	93	15	21	1	101	230	208	81	39	20	10	12	19	15	15	49	
....	43	6	2	1	1	8	19	13	7	2	1	....	....	1	....	1	1	11A
....	64	5	1	1	....	11	18	18	11	3	1	2	....	1	1	....	5	
1	24	7	2	2	1	7	9	5	3	3	....	2	....	....	....	1	6	11B
....	32	6	....	1	....	4	16	6	3	1	1	....	1	1	1	2	3	
....	382	79	11	25	2	89	141	126	50	20	6	5	3	5	9	23	22	11C
....	330	56	7	14	....	50	130	106	43	22	10	3	2	3	6	9	23	
....	35	5	....	....	....	7	9	9	4	3	2	1	....	....	....	1	4	11D
....	39	6	....	1	....	8	13	10	3	2	1	1	1	1	1	....	5	
....	21	2	1	....	....	1	3	1	1	1	2	....	....	9	3	2	1	11E
....	29	2	1	....	....	5	4	5	3	1	1	....	3	8	....	1	1	
....	176	18	4	9	1	26	52	50	23	10	11	3	2	7	3	12	9	11F
....	175	18	6	4	1	23	49	63	18	10	6	4	5	5	6	3	12	
....	11	1	....	....	....	1	....	....	1	....	....	1	....	7	....	2	....	13
....	21	5	....	....	....	....	1	2	....	1	1	1	4	9	5	1	1	
....	18	6	....	1	1	4	2	8	3	4	1	....	....	....	....	2	2	15
....	14	6	....	1	....	4	3	3	3	1	1	1	1	1	....	....	3	
....	70	2	2	....	....	2	....	....	....	2	....	1	31	31	5	2	....	16
....	41	2	1	1	....	....	....	....	....	....	....	3	18	16	4	3	1	
....	6	2	....	3	....	1	....	1	1	....	1	1	1	4	1	....	....	17
....	3	1	....	....	....	1	....	....	....	1	2	....	....	....	....	....	....	
....	9	1	....	....	....	2	....	3	....	1	1	1	....	....	1	....	1	18
....	6	1	....	....	....	....	1	....	2	....	2	....	....	1	....	....	1	
....	10	3	....	....	....	1	....	1	....	2	2	2	....	2	1	2	....	22
....	4	....	....	....	....	....	....	....	....	....	1	1	....	1	....	....	1	
1	452	135	18	129	7	68	73	74	66	73	69	69	64	42	42	54	47	23–32
....	484	55	13	22	....	52	57	48	52	55	37	63	42	38	49	46	35	
1	379	127	17	119	6	57	69	70	55	67	59	53	56	38	34	49	41	23
....	419	52	11	19	....	47	48	40	40	48	33	55	37	34	44	44	31	
....	36	3	....	2	....	4	1	1	8	2	5	7	3	1	6	1	2	24
....	29	....	1	1	....	1	5	3	6	1	2	2	3	1	3	....	4	
....	10	2	....	3	....	....	2	1	1	....	3	1	2	3	1	....	1	25
....	12	....	1	1	....	2	1	1	2	2	1	2	2	....	1	....	....	
....	4	....	....	1	....	1	....	....	....	1	....	2	1	....	....	....	....	26
....	3	1	....	....	....	....	....	2	....	1	1	....	....	....	....	....	....	
....	6	....	1	....	....	2	....	....	....	....	1	1	1	....	....	....	2	27
....	2	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
27A. Of bones	M	2	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
27B. Of joints	M	5	.....	1	.....	.....	1	.....	.....	.....	2	1	.....	.....
	F	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
28. Tuberculosis of the skin and sub-cutaneous cellular tissue	F	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1
29. Tuberculosis of the lymphatic system (bronchial, mesenteric and retroperitoneal glands excepted)	M	2	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....
	F	2	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
30. Tuberculosis of the genito-urinary system	M	10	.....	1	.....	1	.....	.....	.....	.....	4	3	.....	1
	F	4	.....	.....	1	1	.....	.....	.....	1	1	.....	.....	.....
31. Tuberculosis of other organs	M	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
32. Disseminated tuberculosis	M	12	4	2	3	.....	.....	.....	.....	3	.....	.....	.....	.....
	F	13	5	3	1	.....	.....	.....	1	2	1	.....	.....	.....
32A. Acute	M	7	4	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	6	4	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....
32B. Chronic	M	2	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....
32C. Not specified	M	3	.....	1	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
	F	7	1	3	.....	.....	.....	.....	1	1	1	.....	.....	.....
34. Syphilis	M	124	15	2	7	16	6	.....	.....	14	35	18	.....	11
	F	50	8	.....	4	1	.....	1	.....	11	13	3	.....	9
35. Gonococcus infection and other venereal diseases	M	2	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....
	F	2	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....
36. Purulent infection, septicaemia (non-puerperal)	M	23	6	1	1	1	.....	.....	.....	1	5	3	.....	5
	F	20	2	4	2	.....	1	.....	1	3	2	1	.....	4
38. Malaria	M	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
39. Other diseases due to protozoal parasites	M	2	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
41. Hydatid cysts	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
41A. Of the liver	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
42. Other diseases caused by helminths	F	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
43. Mycoses	M	7	3	.....	1	.....	.....	.....	.....	1	2	.....	.....	.....
	F	4	1	.....	.....	.....	.....	.....	.....	2	1	.....	.....	.....
44. Other infectious or parasitic diseases	M	5	2	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	1
	F	15	11	.....	.....	.....	.....	.....	.....	2	1	.....	.....	1
44A. Chicken-pox	M	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
44C. Others under this title	M	4	1	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	1
	F	11	7	.....	.....	.....	.....	.....	.....	2	1	.....	.....	1
CLASS II.—CANCER AND OTHER TUMOURS														
Total	...	4836	43	30	84	257	310	.....	9	312	1352	1141	.....	1294
	M	2280	26	16	40	109	121	.....	3	108	650	749	.....	455
	F	2556	17	14	44	148	189	.....	6	204	702	392	.....	839
45-53. Cancer and other malignant tumours	M	2173	20	13	35	105	115	.....	3	99	626	718	.....	436
	F	2374	13	11	39	139	182	.....	3	176	643	370	.....	797
45. Cancer of the buccal cavity and pharynx	M	131	.....	.....	3	7	12	.....	.....	5	21	56	.....	27
	F	35	.....	.....	.....	3	2	.....	.....	3	9	3	.....	15
46. Cancer of the digestive tract and peritoneum	M	1247	.....	3	20	64	62	.....	3	54	379	409	.....	250
	F	1067	1	3	10	42	82	.....	.....	44	233	208	.....	444
46A. Of the oesophagus	M	52	.....	.....	.....	5	1	.....	.....	1	20	14	.....	11
	F	27	.....	.....	.....	.....	1	.....	.....	1	6	8	.....	11
46B. Of the stomach and duodenum	M	561	.....	1	5	34	30	.....	1	21	155	187	.....	126
	F	321	.....	1	1	10	19	.....	.....	8	59	69	.....	154
46C. Of the rectum	M	144	.....	.....	1	3	11	.....	.....	7	53	48	.....	20
	F	117	.....	.....	4	7	13	.....	.....	7	29	15	.....	42

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1937—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	2	.....	.....	.....	....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	27A
....	1	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	
....	4	.....	1	.....	....	1	.....	.....	.....	.....	1	1	1	.....	.....	.....	1	27B
....	1	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	
....	2	.....	.....	.....	....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	28
....	2	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	29
....	2	.....	.....	.....	....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	
....	6	2	.....	1	1	1	1	1	.....	1	1	2	.....	.....	.....	2	1	30
....	4	.....	.....	.....	....	1	.....	.....	1	1	.....	.....	.....	.....	.....	1	.....	
....	1	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	31
....	.....	.....	.....	1	....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	
....	8	1	.....	3	....	3	.....	1	2	2	.....	2	.....	.....	.....	2	.....	32
....	11	2	.....	.....	....	1	3	1	2	2	.....	1	.....	2	1	.....	.....	
....	6	.....	.....	1	....	3	.....	1	1	.....	.....	1	.....	.....	.....	1	.....	32A
....	6	.....	.....	.....	....	1	3	1	.....	1	.....	.....	.....	.....	.....	.....	.....	
....	2	.....	.....	.....	....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	32B
....	.....	1	.....	2	....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	1	.....	32C
....	5	2	.....	.....	....	.....	.....	.....	2	1	.....	1	.....	2	1	.....	.....	
....	74	33	1	14	2	8	13	15	12	14	8	14	10	6	11	5	8	34
....	29	11	1	7	2	7	3	7	9	2	2	3	3	4	4	2	4	
....	1	1	.....	.....	....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	35
....	1	.....	.....	1	....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	
....	18	3	2	.....	....	1	3	2	1	3	2	4	1	.....	1	1	4	36
....	16	3	.....	1	....	.....	.....	1	1	1	2	5	.....	2	3	2	3	
....	.....	.....	.....	1	....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	38
....	1	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	
....	2	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	39
....	1	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	
....	.....	1	.....	.....	....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	41
....	.....	1	.....	.....	....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	41A
....	1	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	42
....	7	.....	.....	.....	....	.....	.....	.....	1	.....	1	.....	1	1	.....	2	1	43
....	4	.....	.....	.....	....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	1	1	
....	5	.....	.....	.....	....	2	.....	1	.....	1	.....	.....	.....	.....	1	.....	.....	44
....	14	.....	.....	1	....	3	2	2	.....	3	.....	2	1	.....	1	.....	1	
....	1	.....	.....	.....	....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	44A
....	4	.....	.....	.....	....	2	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	
....	4	.....	.....	.....	....	2	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	44C
....	10	.....	.....	1	....	1	1	2	.....	3	.....	1	1	.....	1	.....	1	
4	3199	1199	127	301	10	397	350	390	428	416	394	392	417	402	434	397	419	
3	1417	611	51	194	7	196	168	186	196	198	168	192	212	186	210	172	196	
1	1782	588	76	107	3	201	182	204	232	218	226	200	205	216	224	225	223	
3	1355	584	47	180	7	189	159	182	190	188	161	180	204	173	198	162	187	45–53
1	1650	556	71	94	3	180	163	198	219	202	212	184	192	200	201	215	208	
....	88	33	3	6	1	12	17	12	15	11	5	10	10	10	10	12	7	45
....	20	14	.....	1	....	2	4	1	3	4	2	5	1	1	3	6	3	
3	769	338	24	111	5	101	89	107	118	115	92	110	108	103	102	101	101	46
....	752	245	23	46	1	73	67	93	91	92	93	89	95	94	78	105	97	
....	26	19	.....	7	....	8	4	6	7	4	2	5	1	6	3	2	4	46A
....	16	8	.....	3	....	2	2	2	3	1	2	2	3	3	1	4	2	
1	331	154	10	62	4	45	35	48	47	62	41	46	45	51	53	45	43	46B
....	227	66	10	18	....	20	19	28	30	27	28	23	28	31	24	37	26	
1	93	38	1	12	....	11	8	12	15	17	9	10	10	12	12	13	15	46C
....	88	28	.....	1	....	4	3	9	6	12	14	18	13	6	11	12	9	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
46D. Of the liver and biliary ducts	M	120	....	....	1	4	7	....	....	3	40	38	....	26
	F	186	1	1	....	6	11	....	....	6	44	45	....	72
46E. Of the pancreas	M	88	....	1	4	6	3	....	1	6	26	29	....	12
	F	63	....	....	....	2	7	....	....	3	17	9	....	25
46F. Of the peritoneum	M	9	....	....	1	1	....	....	....	1	4	1	....	1
	F	9	....	....	....	....	....	....	....	5	3	1	....	....
46G. Of other organs	M	273	....	1	8	11	10	....	1	15	81	92	....	54
	F	344	....	1	5	17	31	....	....	14	75	61	....	140
47. Cancer of the respiratory organs	M	147	1	2	3	13	3	....	....	12	62	32	....	19
	F	57	....	1	....	3	4	....	....	2	26	6	....	15
47A. Of the larynx	M	33	....	....	....	1	2	....	....	1	11	9	....	9
	F	12	....	....	....	1	1	....	....	....	4	3	....	3
47B. Of the lung	M	91	....	1	3	8	1	....	....	9	38	21	....	10
	F	36	....	1	....	1	2	....	....	1	19	2	....	10
47C. Of the mediastinum	M	4	....	1	....	1	....	....	....	....	1	1	....	....
	F	3	....	....	....	....	....	....	....	1	1	....	....	1
47D. Of other organs of the respiratory system	M	19	1	....	....	3	....	....	....	2	12	1	....	....
	F	6	....	....	....	1	1	....	....	....	2	1	....	1
48. Cancer of the uterus	F	356	....	....	1	13	21	....	2	47	118	50	....	104
48A. Of the uterus	F	223	....	....	....	11	17	....	1	17	66	38	....	73
48B. Of the cervix uteri	F	133	....	....	1	2	4	....	1	30	52	12	....	31
49. Cancer of other female genital organs	F	132	1	2	5	13	16	....	....	14	35	17	....	29
50. Cancer of the breast	M	5	....	....	....	....	1	....	....	....	1	2	....	1
	F	459	....	....	14	50	34	....	....	49	158	54	....	99
51. Cancer of the male genito-urinary organs	M	415	6	1	4	11	26	....	....	12	96	169	....	90
51A. Of the bladder	M	133	....	....	1	3	7	....	....	4	44	49	....	25
51B. Of the kidney	M	39	3	....	....	4	....	....	....	2	13	10	....	7
51C. Of the prostate gland	M	220	....	....	....	2	17	....	....	....	37	108	....	56
51D. Of the testicles and annexa	M	15	3	1	3	2	1	....	....	5	....	....	....	....
51E. Of other male genito-urinary organs	M	8	....	....	....	....	1	....	....	1	2	2	....	2
52. Cancer of the skin	M	52	2	....	1	....	6	....	....	....	6	16	....	21
	F	37	....	....	....	1	7	....	....	1	1	4	....	23
53. Cancer of other or unspecified organs	M	176	11	7	4	10	5	....	....	16	61	34	....	28
	F	231	11	5	9	14	16	....	1	16	63	28	....	68
53A. Of the eye and orbit	M	4	....	....	....	....	....	....	....	....	1	2	....	1
	F	6	1	....	....	....	1	....	....	1	2	....	....	1
53B. Of the circulatory system	M	2	....	....	....	....	....	....	....	....	1	1	....	....
	F	2	....	....	....	....	....	....	....	....	....	....	....	2
53C. Of the glandular system	M	36	1	....	1	....	3	....	....	1	11	10	....	9
	F	31	1	....	1	2	1	....	....	2	6	6	....	12
53D. Of the female urinary organs	F	70	2	....	....	3	7	....	....	2	13	18	....	25
53E. Of the bones and joints	M	31	1	5	....	1	....	....	....	5	10	5	....	4
	F	24	1	1	2	3	3	....	....	2	7	1	....	4
53F. Of the brain	M	45	6	....	2	4	....	....	....	6	18	4	....	5
	F	34	5	2	2	3	....	....	....	9	12	....	....	1
53G. Of the spine and spinal cord	M	9	2	....	....	....	....	....	....	....	4	2	....	1
	F	3	....	....	....	....	....	....	....	....	1	....	....	2
53H. Of the neck	M	11	....	....	....	2	....	....	....	1	3	3	....	2
	F	3	....	....	....	....	....	....	....	....	1	....	....	2
53I. Of the abdomen	M	9	....	1	1	....	1	....	....	....	3	1	....	2
	F	20	....	....	2	....	2	....	....	....	6	2	....	8
53J. Of other specified organs	M	15	....	1	....	2	....	....	....	1	6	4	....	1
	F	22	....	1	2	1	2	....	1	....	8	....	....	7
53K. Multiple cancer	M	11	1	....	....	1	1	....	....	2	3	1	....	2
	F	14	....	1	....	2	....	....	....	....	6	1	....	4
53M. Of unspecified or unknown location	M	3	....	....	....	....	....	....	....	....	1	1	....	1
	F	2	1	....	....	....	....	....	....	....	1	....	....	....
54. Non-malignant tumours	M	89	5	2	4	3	6	....	....	7	19	28	....	15
	F	169	3	3	4	7	7	....	3	27	56	21	....	38
54A. Of the ovary	F	30	....	1	1	2	2	....	1	5	8	5	....	5
54B. Of the uterus	F	51	....	....	....	2	....	....	....	15	19	7	....	8
54C. Of other female genital organs	F	1	....	....	1	....	....	....	....	....	....	....	....	....
54D. Of the brain	M	25	4	....	4	....	1	....	....	6	8	2	....	....
	F	19	1	1	1	2	....	....	1	4	6	....	....	3
54E. Of the thyroid gland	M	9	....	....	....	1	....	....	....	....	3	1	....	4
	F	51	....	....	....	....	5	....	....	2	19	8	....	17
54F. Of the prostate gland	M	39	....	....	....	....	2	....	....	....	4	24	....	9
54G. Of other or unspecified sites	M	16	1	2	....	2	3	....	....	1	4	1	....	2
	F	17	2	1	1	1	....	....	1	1	4	1	....	5

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1937—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
1	71	30	3	16	....	12	11	10	14	8	10	16	8	12	4	9	6	46D
....	135	39	4	8	....	18	12	19	6	12	19	19	16	18	15	15	17	
....	51	28	2	7	....	8	6	6	9	10	7	4	9	7	7	7	8	46E
....	41	17	....	5	....	4	3	10	10	4	6	3	3	4	7	3	6	
....	7	2	....	....	....	....	....	....	....	2	2	1	....	1	....	1	2	46F
....	5	3	....	1	....	....	1	....	1	1	2	1	1	1	1	....	....	
....	190	67	8	7	1	17	25	25	26	12	21	28	35	14	23	24	23	46G
....	240	84	9	10	1	25	27	25	35	35	22	23	31	31	19	34	37	
....	49	70	3	25	....	16	6	8	14	8	11	17	22	9	15	3	18	47
....	28	19	2	7	1	6	6	6	6	3	4	4	3	7	5	3	4	
....	10	18	....	5	....	3	1	1	3	1	4	5	3	3	4	....	5	47A
....	7	4	1	....	....	2	2	2	3	....	....	1	....	1	....	....	1	
....	35	38	2	16	....	10	4	7	9	7	7	6	18	4	7	2	10	47B
....	17	12	1	6	....	3	4	3	3	2	4	3	1	4	3	3	3	
....	2	1	....	1	....	....	....	....	1	....	....	2	1	....	....	....	....	47C
....	2	....	....	....	1	1	....	....	....	....	....	....	....	2	....	....	....	
....	2	13	1	3	....	3	1	....	1	....	....	4	....	2	4	1	3	47D
....	2	3	....	1	....	....	....	1	....	1	....	....	2	....	2	....	....	
....	256	77	13	10	....	30	23	29	39	29	33	26	31	31	27	23	35	48
....	175	44	1	3	....	18	14	19	26	17	21	22	20	18	16	12	20	48A
....	81	33	12	7	....	12	9	10	13	12	12	4	11	13	11	11	15	48B
....	97	26	5	4	....	8	10	11	13	12	8	12	11	11	10	14	12	49
....	1	4	....	....	....	....	1	....	....	....	....	....	2	1	....	1	....	50
1	312	114	19	13	1	36	32	40	45	44	53	20	33	31	48	41	36	
....	293	88	13	20	1	36	28	37	28	36	34	28	39	30	46	32	41	51
....	85	34	2	12	....	5	15	7	8	11	11	9	12	7	16	14	18	51A
....	30	6	1	2	....	3	....	2	6	2	5	2	5	5	3	3	3	51B
....	161	43	9	6	1	28	9	25	13	21	16	16	19	17	23	14	19	51C
....	12	2	1	....	....	....	2	3	....	2	1	....	3	1	2	1	....	51D
....	5	3	....	....	....	....	2	....	1	....	1	1	....	....	2	....	1	51E
....	42	9	....	1	....	4	5	3	2	3	5	3	4	9	5	4	5	52
....	23	10	3	1	....	2	3	....	3	3	7	1	2	2	8	2	4	
....	113	42	4	17	....	20	13	15	13	15	14	12	19	11	20	9	15	53
....	162	51	6	12	....	23	18	18	19	15	12	27	16	23	22	21	17	
....	2	2	....	....	....	....	1	1	....	....	....	....	....	....	....	....	2	53A
....	5	....	....	1	....	....	....	....	1	....	....	1	1	1	1	1	....	
....	....	2	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	53B
....	1	1	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	
....	26	4	1	5	....	1	2	3	3	2	4	....	5	3	4	6	3	53C
....	21	7	....	3	....	6	2	3	1	3	....	7	1	2	4	1	1	
....	52	13	5	....	....	9	4	5	5	6	1	6	6	10	5	9	4	53D
....	22	7	1	1	....	3	3	2	2	1	2	3	8	2	3	1	1	53E
....	16	7	....	1	....	....	3	4	2	1	4	1	1	1	4	2	1	
....	22	15	2	6	....	9	3	2	2	7	1	5	3	2	5	1	5	53F
....	24	8	....	2	....	3	3	3	4	2	3	6	3	2	1	2	2	
....	5	2	....	2	....	....	....	1	....	....	1	1	1	3	1	....	1	53G
....	1	1	....	1	....	....	....	....	....	2	....	1	....	....	....	....	....	
....	8	3	....	....	....	2	3	1	....	2	2	....	....	1	....	....	....	52H
....	1	1	1	....	....	....	1	....	....	1	....	....	....	....	....	....	1	
....	6	3	....	....	....	....	....	2	2	1	1	1	....	....	2	....	....	53I
....	12	7	....	1	....	....	2	1	4	....	3	1	1	3	....	3	2	
....	12	2	....	1	....	3	....	3	....	....	1	1	2	....	3	1	1	53J
....	16	4	....	2	....	4	2	1	....	....	1	2	3	2	3	2	2	
....	7	2	....	2	....	1	1	....	4	2	1	....	....	....	1	....	1	53K
....	11	2	....	1	....	1	....	1	1	....	....	1	....	2	4	1	3	
....	3	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	1	53M
....	2	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	
....	52	21	3	13	....	5	9	4	6	10	5	10	6	9	10	8	7	54
....	122	31	4	12	....	20	19	6	12	16	12	14	13	14	20	9	14	
....	23	5	....	2	....	2	3	1	3	6	2	1	3	....	3	2	4	54A
....	33	10	2	6	....	6	7	1	2	5	4	7	2	7	2	4	4	54B
....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	54C
....	14	4	2	5	....	1	6	1	....	2	1	4	1	....	4	3	2	54D
....	14	4	....	1	....	4	1	....	....	1	2	....	2	3	5	1	....	
....	7	1	....	1	....	....	....	1	3	....	1	1	1	....	2	....	....	54E
....	40	7	2	2	....	7	5	4	7	3	4	3	5	2	7	....	4	
....	22	10	1	6	....	4	1	1	....	4	3	5	2	8	3	4	4	54F
....	9	6	....	1	....	....	2	1	3	4	....	....	2	1	1	1	1	54G
....	11	5	....	1	....	1	3	....	....	1	....	2	1	2	3	2	2	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
55. Tumours, nature not specified	M	18	1	1	1	1				2	5	3		4
	F	13	1		1	2				1	3	1		4
55D. Of the brain	M	10	1	1	1	1				2	3			1
	F	5	1		1	1				1	1			
55G. Of other or unspecfied sites	M	8									2	3		3
	F	8				1					2	1		4
CLASS III.—RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS AND OTHER GENERAL DISEASES														
Total	...	1,166	129	51	39	47	46		5	94	264	212	1	277
	M	437	72	22	25	22	21			32	81	107	1	58
	F	729	57	29	14	25	25		5	62	183	110		219
56. Acute rheumatic fever	M	91	17	13	13	3	1			19	15	8		2
	F	101	20	16	2	1	1		2	31	15	4		9
57. Chronic rheumatism, osteo-arthritis	M	14				2	1				3	2		6
	F	27			3		5			1	6	4		8
59. Diabetes mellitus	M	224	2	9	8	12	17			10	42	77	1	46
	F	355	3	5	5	12	14		2	11	89	74		140
60. Scurvy	M	1					1							
	F	1									1			
63. Rickets	M	4	4											
	F	5	5											
65. Diseases of the pituitary gland	M	1	1											
	F	2		1							1			
66. Diseases of the thyroid and parathyroid glands	M	49	10		3	3	1			3	19	7		3
	F	184	3	6	4	12	5		1	14	61	24		54
66A. Simple goitre	M	4				1					1	2		
	F	25		1	1	2					6	5		10
66B. Exophthalmic goitre	M	33			2	2	1			3	17	5		3
	F	147	1	5	2	9	5		1	14	51	18		41
66C. Myxoedema, cretinism	M	2	1		1									
	F	6	1								2	1		2
66D. Tetany	M	9	9											
	F	2	1								1			
66E. Others under this title	M	1									1			
	F	4			1	1					1			1
67. Diseases of the thymus gland	M	36	36											
	F	24	23	1										
68. Diseases of the adrenals (Addison's disease)	M	3				2						1		
	F	8								2	4	1		1
69. Other general diseases	M	14	2		1						2	7		1
	F	22	3							3	6	3		7
69A. Fatty or amyloid degeneration	M	12	1		1						2	6		1
	F	10								2	4	2		2
69B. Steatosis	F	1									1			
69C. Others under this title	M	2	1									1		
	F	11	3							1	1	1		5
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS														
Total	...	508	36	16	21	21	29		3	34	101	117		130
	M	236	18	10	14	9	9		1	16	46	73		40
	F	272	18	6	7	12	20		2	18	55	44		90
70. Haemorrhagic conditions	M	8	1	1							2	2		2
	F	9		1					1	2	3	1		1
70A. Simple purpura	M	6	1	1							1	2		1
	F	8		1					1	2	2	1		1
70B. Haemophilia	M	2									1			1
	F	1									1			

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1937—Continued

Not stated	NATIVITY					MONTHS												
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
....	10	6	1	1	....	2	....	....	....	....	2	2	2	4	2	2	2	55
....	10	1	1	1	....	1	....	....	1	....	2	2	....	2	3	1	1	
....	7	2	....	1	....	2	....	....	....	....	2	2	....	1	....	2	1	55D
....	5	....	....	....	....	....	....	....	....	....	....	2	....	....	2	1	....	
....	3	4	1	....	....	....	....	....	....	....	....	....	2	3	2	....	1	55G
....	5	1	1	1	....	1	....	....	1	....	2	....	....	2	1	....	1	
1	879	179	40	66	2	120	97	108	93	103	82	94	75	114	87	94	99	
1	339	54	15	28	1	52	32	50	40	45	30	28	26	44	28	32	30	
....	540	125	25	38	1	68	65	58	53	58	52	66	49	70	59	62	69	
....	78	6	1	5	1	8	5	12	12	12	3	6	7	10	6	7	3	56
....	75	20	2	4	....	11	12	12	10	4	7	5	7	8	9	8	8	
....	9	3	2	....	....	1	....	2	1	2	4	1	1	....	....	2	....	57
....	20	4	3	....	....	1	5	2	5	1	5	1	3	....	2	2	....	
....	165	35	11	13	....	33	14	21	22	20	15	14	12	25	16	15	17	59
....	242	72	11	29	1	30	34	28	21	31	18	35	21	34	28	33	42	
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	60
....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	
....	4	....	....	....	....	....	3	1	....	....	....	....	....	....	....	....	....	63
....	5	....	....	....	....	1	1	1	....	1	1	....	....	....	....	....	....	
....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	65
....	1	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	
....	38	6	....	5	....	5	6	6	3	5	1	4	4	5	4	5	1	66
....	149	22	8	5	....	18	10	12	11	15	16	19	13	21	18	16	15	
....	3	....	....	1	....	....	1	1	1	....	....	1	....	....	....	....	....	66A
....	23	....	1	1	....	3	2	1	2	3	3	2	....	4	3	1	1	
....	23	6	....	4	....	3	3	3	1	5	1	1	3	3	4	5	1	66B
....	118	19	7	3	....	12	7	9	9	12	11	17	11	16	15	14	14	
....	2	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	66C
....	4	2	....	....	....	1	....	2	....	....	1	....	1	1	....	....	....	
....	9	....	....	....	....	2	2	1	1	....	....	1	1	1	....	....	....	66D
....	2	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	
....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	66E
....	2	1	....	1	....	2	1	....	....	....	....	....	....	....	....	1	....	
....	36	....	....	....	....	3	3	6	2	4	6	....	2	2	2	2	4	67
....	24	....	....	....	....	6	1	1	1	2	2	4	2	2	....	2	1	
....	1	1	....	1	....	....	....	....	....	....	1	....	....	1	....	....	1	68
....	6	2	....	....	....	1	....	1	3	1	....	....	1	....	....	....	1	
1	6	3	1	4	....	1	1	2	....	2	....	3	....	1	....	....	4	69
....	18	3	1	....	....	....	2	1	1	3	3	2	2	4	2	1	1	
1	5	2	1	4	....	1	1	2	....	1	....	2	....	1	....	....	4	69A
....	8	2	....	....	....	....	1	....	....	2	1	1	....	2	1	1	1	
....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	69B
....	1	1	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	69C
....	9	1	1	....	....	....	1	1	1	1	2	....	2	2	1	....	....	
....	394	79	12	23	....	47	40	56	50	48	33	46	28	36	50	39	35	
....	180	37	6	13	....	25	23	29	26	13	15	23	13	19	20	18	12	
....	214	42	6	10	....	22	17	27	24	35	18	23	15	17	30	21	23	
....	6	2	....	....	....	....	....	1	....	1	1	2	....	....	1	1	1	70
....	6	2	....	1	....	1	1	....	....	2	....	1	....	1	2	....	1	
....	5	1	....	....	....	....	....	1	....	1	1	1	....	....	....	1	1	70A
....	5	2	....	1	....	1	1	....	....	2	....	1	....	1	2	....	....	
....	1	1	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	70B
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION												
			Single						Married						
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
71. Anaemia	M	124	4	1	4	8	6	.....	1	1	16	58	.....	25
	F	168	1	.....	3	8	18	.....	.....	5	29	33	.....	71
71a. Pernicious anaemia	M	119	4	.....	4	8	5	.....	1	1	16	58	.....	22
	F	156	1	.....	3	7	17	.....	.....	4	28	31	.....	65
71b. Others under this title	M	5	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	3
	F	12	.....	.....	.....	1	1	.....	.....	1	1	2	.....	6
72. Leukaemia and aleukaemia	M	87	12	6	7	1	3	.....	.....	14	21	11	.....	12
	F	82	16	3	2	3	1	.....	1	9	22	9	.....	16
72a. Leukaemia	M	61	12	5	4	1	2	.....	.....	6	15	5	.....	11
	F	66	14	1	1	3	.....	.....	1	5	20	6	.....	15
72b. Aleukaemia (Hodgkin's disease)	M	26	.....	1	3	.....	1	.....	.....	8	6	6	.....	1
	F	16	2	2	1	.....	1	.....	.....	4	2	3	.....	1
73. Diseases of the spleen	M	12	1	1	2	.....	.....	.....	.....	1	4	2	.....	1
	F	10	1	2	1	1	1	.....	.....	1	1	.....	.....	2
74. Other diseases of the blood and blood-forming organs	M	5	.....	1	1	.....	.....	.....	.....	.....	3	.....	.....	.....
	F	3	.....	.....	1	.....	.....	.....	.....	1	.....	1	.....	.....
Class V.—Chronic Poisonings and Intoxications														
Total	...	73	.....	.....	6	8	3	.....	.....	17	23	6	.....	9
	M	64	.....	.....	6	8	3	.....	.....	13	19	6	.....	8
	F	9	.....	.....	.....	.....	.....	.....	.....	4	4	.....	.....	1
75. Alcoholism	M	57	.....	.....	6	8	3	.....	.....	11	15	6	.....	8
	F	6	.....	.....	.....	.....	.....	.....	.....	2	3	.....	.....	1
75a. Delirium tremens	M	4	.....	.....	1	.....	.....	.....	.....	1	2	.....	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
75b. Other alcoholic intoxications	M	53	.....	.....	5	8	3	.....	.....	10	13	6	.....	8
	F	5	.....	.....	.....	.....	.....	.....	.....	2	2	.....	.....	1
76. Chronic poisoning, by other organic substances	M	4	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....
	F	2	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....
76a. Chronic morphinism	M	3	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
76d. Other organic poisoning	M	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
77. Chronic poisoning by mineral substances	M	3	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
77a. Lead (including occupational)	M	3	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....
77c. Others under this title	F	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Class VI.—Diseases of the Nervous System and of the Organs of Special Sense														
Total	...	1,714	141	66	88	91	133	.....	5	104	245	334	.....	500
	M	851	84	37	55	53	58	.....	1	47	127	200	.....	182
	F	863	57	29	33	38	75	.....	4	57	118	134	.....	318
78. Encephalitis (non-epidemic)	M	15	2	1	1	1	.....	.....	.....	2	3	2	.....	3
	F	13	3	.....	.....	.....	1	.....	.....	1	2	.....	.....	6
79. Simple meningitis	M	26	16	1	4	.....	.....	.....	.....	2	.....	2	.....	1
	F	20	14	1	.....	1	.....	.....	1	1	1	.....	.....	1
80. Progressive locomotor ataxia (tabes dorsalis)	M	23	.....	.....	1	3	5	.....	.....	1	5	3	.....	5
	F	4	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	1
81. Other diseases of the spinal cord	M	50	3	3	2	4	2	.....	.....	1	11	14	.....	10
	F	40	2	2	1	1	2	.....	.....	3	10	7	.....	12
82. Cerebral haemorrhage, cerebral embolism and thrombosis	M	354	.....	3	4	10	32	.....	.....	13	52	118	.....	118
	F	416	.....	2	1	12	41	.....	1	17	53	79	.....	210
82a. Cerebral haemorrhage	M	278	.....	3	4	7	24	.....	.....	10	49	92	.....	88
	F	331	.....	2	1	10	32	.....	1	15	46	67	.....	157

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1937—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	103	15	2	4	....	14	11	17	14	7	4	14	6	13	8	9	7	71
....	131	29	3	5	....	14	12	18	19	23	10	14	8	10	15	11	14	
....	99	14	2	4	....	13	10	16	13	7	4	14	5	13	8	9	7	71A
....	122	26	3	5	....	12	12	17	18	20	9	13	8	9	14	11	13	
....	4	1	....	....	....	1	1	1	1	....	....	....	1	....	....	....	....	71B
....	9	3	....	....	....	2	....	1	1	3	1	1	....	1	1	....	1	
....	58	17	4	8	....	8	11	10	11	5	8	7	5	2	10	7	3	72
....	65	10	3	4	....	6	3	9	5	9	7	8	6	4	10	7	8	
....	46	8	2	5	....	5	7	6	10	1	5	5	3	2	8	7	2	72A
....	51	8	3	4	....	5	3	8	4	4	6	8	4	2	9	6	7	
....	12	9	2	3	....	3	4	4	1	4	3	2	2	....	2	....	1	72B
....	14	2	....	....	....	1	....	1	1	5	1	....	2	2	1	1	1	
....	8	3	....	1	....	3	....	1	1	....	1	....	....	3	1	1	1	73
....	9	1	....	....	....	1	....	....	....	1	....	....	1	2	2	3	....	
....	5	....	....	....	....	....	1	....	....	....	1	....	2	1	....	....	....	74
....	3	....	....	....	....	....	1	....	....	....	1	....	....	....	1	....	....	
1	49	12	2	8	2	4	6	4	7	9	7	3	10	5	2	7	9	
1	40	12	2	8	2	3	6	4	6	8	7	3	8	5	....	7	7	
....	9	....	....	....	....	1	....	....	1	1	....	....	2	....	2	....	2	
....	36	11	2	7	1	3	6	3	6	7	6	3	6	5	....	5	7	75
....	6	....	....	....	....	1	....	....	1	1	....	....	1	....	1	....	1	
....	3	1	....	....	....	1	....	2	....	....	....	....	....	1	....	....	....	75A
....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	
....	33	10	2	7	1	2	6	1	6	7	6	3	6	4	....	5	7	75B
....	5	....	....	....	....	1	....	....	1	1	....	....	....	....	1	....	1	
1	2	....	....	1	1	....	....	1	....	1	1	....	1	....	....	....	....	76
....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	
1	1	....	....	1	1	....	....	1	....	1	1	....	....	....	....	....	....	76A
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	
....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	76D
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	
....	2	1	....	....	....	....	....	....	....	....	....	....	1	....	....	2	....	77
....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	
....	2	1	....	....	....	....	....	....	....	....	....	....	1	....	....	2	....	77A
....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	77C
7	1279	285	50	89	11	161	148	173	144	152	141	116	135	135	133	126	150	
7	626	132	23	61	9	87	73	79	71	77	73	69	66	56	65	63	72	
....	653	153	27	28	2	74	75	94	73	75	68	47	69	79	68	63	78	
....	18	2	4	1	....	2	3	....	....	3	1	4	....	....	1	1	....	78
....	13	....	....	....	....	3	2	2	1	....	1	....	1	1	1	....	1	
....	23	1	1	1	....	1	3	1	2	2	6	1	7	2	....	1	....	79
....	18	1	....	1	....	4	1	2	....	3	2	2	....	2	2	2	....	
....	18	2	....	3	....	3	2	3	3	2	....	1	1	1	2	....	5	80
....	2	2	....	....	....	....	1	....	....	....	1	....	1	1	....	....	....	
....	35	6	5	4	....	6	4	4	3	2	4	8	3	5	3	4	4	81
....	31	7	....	2	....	5	2	5	....	2	3	5	5	5	3	1	4	
4	251	75	4	18	6	31	32	34	28	24	34	27	25	25	31	28	35	82
....	308	85	15	7	1	29	36	48	34	33	33	22	26	38	34	40	43	
1	193	60	4	17	4	25	26	25	25	19	25	25	21	18	20	20	29	82A
....	241	69	14	6	1	19	28	39	29	24	28	18	16	33	27	34	36	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
82B. Cerebral embolism and thrombosis	M	37	....	....	....	2	4	....	....	3	1	9	....	17
	F	42	....	....	....	....	4	....	....	2	6	5	....	25
82C. Softening of the brain	M	4	....	....	....	....	....	....	....	....	....	2	....	1
	F	4	....	....	....	....	....	....	....	....	....	1	....	3
82D. Hemiplegia and other paralysis, cause not specified	M	35	....	....	....	1	4	....	....	....	2	15	....	12
	F	39	....	....	....	2	5	....	....	....	1	6	....	25
83. General paralysis of the insane	M	57	....	....	7	8	....		....	14	17	2	....	8
	F	25	....	2	2	....	2	....	....	6	3	3	....	7
84. Dementia praecox and other psychoses	M	79	2	8	25	14	8	....	....	7	5	7	....	3
	F	105	....	7	16	16	8	....	2	12	18	9	....	17
84A. Dementia praecox	M	64	....	6	25	13	7	....	....	6	3	4	....	....
	F	77	....	5	15	13	8	....	2	11	10	5	....	8
84B. Other psychoses	M	15	2	2	....	1	1	....	....	1	2	3	....	3
	F	28	....	2	1	3	....	....	....	1	8	4	....	9
85. Epilepsy	M	49	4	11	7	8	2	....	1	2	8	2	....	3
	F	42	6	6	6	3	6	....	....	4	5	4	....	2
86. Convulsions (under 5 years of age)	M	24	24	....	....	....	....	....	....	....	....	....	....	....
	F	6	6	....	....	....	....	....	....	....	....	....	....	....
87. Other diseases of the nervous system	M	114	6	3	3	5	9	....	....	....	17	44	....	27
	F	138	8	4	6	5	13	....	....	8	17	24	....	53
87A. Chorea	F	4	....	1	....	....	....	....	....	1	1	1	....	....
87B. Neuralgia and neuritis	M	4	....	....	....	....	1	....	....	....	....	1	....	2
	F	11	....	....	....	1	1	....	....	....	....	4	....	5
87C. Paralysis agitans	M	54	....	....	1	....	3	....	....	....	10	26	....	14
	F	51	....	....	2	....	5	....	....	....	7	10	....	27
87D. Sclerosis (other than of the spinal cord)	M	33	....	....	2	3	4	....	....	....	4	12	....	8
	F	42	....	2	1	1	5	....	....	4	5	6	....	18
87E. Others under this title	M	23	6	3	....	2	1	....	....	....	3	5	....	3
	F	30	8	1	3	3	2	....	....	3	4	3	....	3
88. Diseases of the organs of vision	M	9	3	1	....	....	....	....	....	2	....	2	....	1
	F	7	....	....	....	....	1	....	....	....	1	2	....	3
89. Diseases of the ear and mastoid process	M	51	24	6	1	....	....	....	....	3	9	4	....	3
	F	47	18	5	1	....	1	....	....	5	7	4	....	6
89A. Otitis	M	28	13	3	1	....	....	....	....	2	3	2	....	3
	F	23	11	2	1	....	1	....	....	1	1	2	....	4
89B. Diseases of the mastoid process	M	23	11	3	....	....	....	....	....	1	6	2	....	....
	F	23	7	3	....	....	....	....	....	4	5	2	....	2
89C. Others under this title	F	1	....	....	....	....	....	....	....	....	1	....	....	....
CLASS VII. DISEASES OF THE CIRCULATORY SYSTEM														
Total	...	12,050	38	50	111	384	1023	....	9	315	2070	3387	1	4635
	M	6,557	25	29	67	248	518	....	1	188	1344	2366	1	1744
	F	5,493	13	21	44	136	505	....	8	127	726	1021	....	2891
90–95. Diseases of the heart	M	4,238	17	29	59	190	300	....	1	159	1045	1437	....	985
	F	2,988	9	21	40	81	246	....	8	95	438	544	....	1505
90. Pericarditis	M	8	2	....	....	1	....	....	....	2	1	1	....	1
	F	2	....	....	....	....	....	....	....	1	....	....	....	1
91. Acute endocarditis	M	33	2	4	6	2	....	....	....	10	8	1	....	....
	F	39	1	5	6	3	....	....	6	10	5	....	....	3
91A. Endocarditis, specified as acute	M	26	2	2	4	2	....	....	....	7	8	1	....	....
	F	31	1	3	4	3	....	....	4	9	5	....	....	2
91B. Endocarditis, unspecified (under 45 years of age)	M	7	....	2	2	....	....	....	....	3	....	....	....	....
	F	8	....	2	2	....	....	....	2	1	....	....	....	1
92. Chronic endocarditis, valvular diseases	M	514	6	11	8	22	44	....	....	23	91	190	....	117
	F	493	1	12	17	10	33	....	2	28	76	82	....	232
92A. Endocarditis specified as chronic and other valvular diseases	M	430	6	11	8	21	38	....	....	23	77	147	....	98
	F	418	1	12	17	9	25	....	2	28	59	71	....	194
92B. Endocarditis, unspecified (45 years and over)	M	84	....	....	....	1	6	....	....	....	14	43	....	19
	F	75	....	....	....	1	8	....	....	....	17	11	....	38

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1937—Continued

Not stated	NATIVITY					MONTHS												
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
1	27	9	....	1	....	2	3	4	1	3	5	2	2	2	4	5	4	82B
....	31	10	1	....	....	6	4	4	4	3	4	1	6	2	3	4	1	
1	2	1	....	....	1	....	1	....	....	....	....	....	....	1	1	1	....	82C
....	3	1	....	....	....	1	1	....	....	1	....	1	....	....	....	....	....	
1	29	5	....	....	1	4	2	5	2	2	4	....	2	4	6	2	2	82D
....	33	5	....	1	....	3	3	5	1	5	1	2	4	3	4	2	6	
1	24	13	1	18	1	6	2	5	7	3	2	4	4	1	9	4	10	83
....	18	4	2	1	....	1	1	2	3	5	2	....	3	4	3	....	1	
....	52	10	5	11	1	7	4	8	6	12	7	6	5	7	6	3	8	84
....	78	12	5	9	1	8	6	10	12	15	11	6	14	6	4	4	9	
....	41	9	3	10	1	6	4	7	5	10	6	4	3	6	4	2	7	84A
....	57	8	3	8	1	5	4	8	11	11	8	5	9	3	3	4	6	
....	11	1	2	1	....	1	....	1	1	2	1	2	2	1	2	1	1	84B
....	21	4	2	1	....	3	2	2	1	4	3	1	5	3	1	....	3	
1	46	2	....	....	1	3	4	7	7	6	2	4	5	3	2	3	3	85
....	39	1	1	1	....	4	3	5	4	3	3	3	4	2	4	3	4	
....	24	....	....	....	....	2	1	3	1	6	3	2	1	1	2	2	....	86
....	6	....	....	....	....	2	1	....	....	1	....	....	....	1	....	....	1	
....	93	17	3	1	....	15	9	10	6	12	10	7	14	8	5	13	5	87
....	103	29	2	4	....	12	14	13	13	9	10	8	11	15	11	9	13	
....	3	1	....	....	....	....	....	....	....	....	1	1	....	....	....	1	1	87A
....	4	....	....	....	....	1	....	....	....	....	....	1	1	....	....	1	....	87B
....	9	2	....	....	....	....	2	1	2	2	1	....	....	....	1	1	1	
....	38	14	2	....	....	6	7	6	1	3	2	4	9	4	1	7	4	87C
....	36	11	1	3	....	5	4	6	5	3	2	4	4	6	3	4	5	
....	29	3	....	1	....	7	1	3	3	3	5	1	2	2	3	3	....	87D
....	30	11	1	....	....	5	5	4	4	3	3	1	5	3	4	3	2	
....	22	....	1	....	....	1	1	1	2	6	3	1	2	2	1	2	1	87E
....	25	4	....	1	....	2	3	2	2	1	3	2	2	6	3	....	4	
....	8	1	....	....	....	1	4	....	....	2	1	....	....	....	....	1	....	88
....	4	3	....	....	....	1	....	....	....	....	1	....	3	1	1	....	....	
1	44	3	....	4	....	10	5	4	8	3	3	5	1	3	4	3	2	89
....	33	9	2	3	....	5	8	7	6	4	1	1	1	3	5	4	2	
1	23	2	....	3	....	3	3	2	5	2	2	3	1	2	1	2	2	89A
....	19	3	....	1	....	3	7	4	....	1	1	....	....	1	2	2	2	
....	21	1	....	1	....	7	2	2	3	1	1	2	....	1	3	1	....	89B
....	13	6	2	2	....	2	1	3	6	3	....	1	1	2	2	2	....	
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	89C
27	8773	2341	328	572	36	1152	1067	1140	1042	1035	909	907	812	839	1027	961	1159	
26	4694	1298	172	366	27	629	582	605	556	566	470	490	434	466	590	529	640	
1	4079	1043	156	206	9	523	485	535	486	469	439	417	378	373	437	432	519	
16	2982	871	109	260	16	394	375	410	336	375	299	308	270	290	396	342	443	90–95
1	2201	587	84	114	2	296	276	262	264	273	244	226	200	216	245	218	268	
....	5	2	1	....	....	1	2	2	1	....	....	2	....	....	....	....	....	90
....	2	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	
....	23	6	1	3	....	....	3	4	1	3	....	2	3	3	3	4	7	91
....	28	6	3	2	....	4	3	3	5	5	1	4	3	3	2	2	4	
....	16	6	1	3	....	....	2	4	....	2	....	2	1	3	2	4	6	91A
....	21	5	3	2	....	4	1	3	3	4	1	3	2	3	2	1	4	
....	7	....	....	....	....	....	1	....	1	1	....	....	2	....	1	....	1	91B
....	7	1	....	....	....	....	2	....	2	1	....	1	1	....	....	1	....	
2	378	94	16	24	2	46	52	49	46	45	43	35	31	43	34	49	41	92
....	376	78	13	26	....	53	44	42	36	56	41	37	37	37	34	36	40	
1	321	75	13	21	....	42	43	39	40	43	36	27	27	35	28	40	30	92A
....	313	72	10	23	....	45	35	30	32	52	39	33	26	32	27	31	36	
1	57	19	3	3	2	4	9	10	6	2	7	8	4	8	6	9	11	92B
....	63	6	3	3	....	8	9	12	4	4	2	4	11	5	7	5	4	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
93. Diseases of the myocardium	M	1,128	4	5	15	46	125	.....	.....	23	133	399	.....	376
	F	1,136	6	2	10	24	102	.....	.....	24	99	208	.....	660
93A. Acute myocarditis	M	52	1	.....	5	7	3	.....	.....	5	7	18	.....	6
	F	44	.....	.....	.....	1	1	.....	.....	7	6	8	.....	21
93B. Myocarditis, unspecified (under 45 years of age)	M	16	2	3	3	.....	.....	.....	.....	8	.....	.....	.....	.....
	F	23	4	1	6	.....	.....	.....	.....	11	.....	.....	.....	1
93C. Chronic myocarditis and myocardial degeneration	M	677	1	2	7	29	81	.....	.....	10	80	241	.....	226
	F	680	2	1	4	15	73	.....	.....	6	62	125	.....	391
93D. Myocarditis, unspecified (45 years and over)	M	383	.....	.....	.....	10	41	.....	.....	.....	46	140	.....	144
	F	389	.....	.....	.....	8	28	.....	.....	.....	31	75	.....	247
94. Diseases of the coronary arteries and angina pectoris	M	2,358	.....	7	24	110	112	.....	.....	90	779	787	.....	440
	F	1,160	.....	1	5	39	98	.....	.....	27	234	227	.....	529
94A. Diseases of the coronary arteries	M	83	.....	.....	2	5	2	.....	.....	3	25	21	.....	25
	F	36	.....	.....	.....	2	5	.....	.....	2	5	3	.....	19
94B. Embolism and thrombosis of the coronary arteries	M	1,938	.....	4	19	96	98	.....	.....	73	642	639	.....	360
	F	957	.....	.....	5	33	81	.....	.....	22	193	193	.....	430
94C. Angina pectoris	M	337	.....	3	3	9	12	.....	.....	14	112	127	.....	55
	F	167	.....	1	.....	4	12	.....	.....	3	36	31	.....	80
95. Other diseases of the heart	M	197	3	2	6	9	19	.....	1	11	33	59	.....	51
	F	158	1	1	2	5	13	.....	.....	5	24	27	.....	80
95A. Functional diseases of the heart	M	30	.....	2	1	1	1	.....	.....	1	2	12	.....	9
	F	32	.....	1	1	1	1	.....	.....	1	5	4	.....	18
95B. Other and unspecified	M	167	3	.....	5	8	18	.....	1	10	31	47	.....	42
	F	126	1	.....	1	4	12	.....	.....	4	19	23	.....	62
96. Aneurysm (except of the heart)	M	48	1	.....	1	4	2	.....	.....	4	20	8	.....	8
	F	22	1	.....	.....	2	1	.....	.....	.....	11	3	.....	4
97. Arteriosclerosis (of coronary arteries excepted)	M	1,862	.....	.....	2	39	197	.....	.....	6	171	793	.....	648
	F	1,945	.....	.....	1	30	225	.....	.....	7	147	392	.....	1143
98. Gangrene	M	67	1	.....	.....	.....	4	.....	.....	.....	4	24	1	32
	F	49	.....	.....	1	.....	5	.....	.....	1	6	7	.....	29
99. Other diseases of the arteries	M	22	.....	.....	.....	1	3	.....	.....	3	4	6	.....	5
	F	21	1	.....	.....	1	.....	.....	.....	3	3	4	.....	9
100. Diseases of the veins (varices, haemorrhoids, phlebitis, etc.)	M	28	.....	.....	.....	.....	.....	.....	.....	5	6	9	.....	7
	F	33	1	.....	.....	2	2	.....	.....	6	6	5	.....	11
101. Diseases of the lymphatic system (lymphangitis, etc.)	M	7	6	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
	F	4	1	.....	.....	.....	1	.....	.....	.....	1	.....	.....	1
102. Idiopathic abnormalities of blood pressure	M	283	.....	.....	5	14	12	.....	.....	10	93	88	.....	59
	F	430	.....	.....	2	20	25	.....	.....	15	114	66	.....	188
103. Other diseases of the circulatory system	M	2	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM														
Total	...	3,144	672	76	85	114	213	.....	19	225	455	494	1	785
	M	1,694	364	48	56	75	89	.....	5	108	320	313	1	312
	F	1,450	308	28	29	39	124	.....	14	117	135	181	.....	473
104. Diseases of the nasal fossae and annexa	M	21	9	.....	1	1	.....	.....	.....	5	1	3	.....	1
	F	21	9	1	1	.....	.....	.....	.....	2	2	.....	.....	6
105. Diseases of the larynx	M	13	8	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	2
	F	7	5	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1
105A. Croup	M	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1937—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
2	798	234	23	68	5	121	108	114	84	89	82	88	79	69	102	82	110	93
1	849	216	31	38	2	110	117	106	112	92	80	86	72	82	94	82	103	
....	38	10	....	4	....	7	7	7	3	3	2	2	3	2	7	4	5	93A
....	31	9	3	1	....	4	5	2	6	6	1	4	1	3	4	4	4	
....	13	3	....	....	....	3	....	2	1	3	....	....	1	2	....	2	2	93B
....	17	5	....	1	....	2	3	2	....	1	1	1	1	4	1	3	4	
....	469	142	20	44	2	74	58	65	51	60	55	53	46	42	62	49	62	93C
1	518	123	13	25	1	58	70	67	67	53	49	51	43	50	57	47	68	
2	278	79	3	20	3	37	43	40	29	23	25	33	29	23	33	27	41	93D
....	283	79	15	11	1	46	39	35	39	32	29	30	27	25	32	28	27	
9	1627	501	66	156	8	205	186	223	192	230	162	161	143	162	243	199	252	94
....	828	258	34	40	....	105	92	92	100	104	108	93	77	89	105	87	108	
....	50	15	4	14	....	8	3	7	5	10	10	7	3	3	12	6	9	94A
....	28	7	1	....	....	4	....	6	....	3	4	1	3	2	9	....	4	
7	1328	422	46	134	8	167	143	183	166	180	128	129	122	142	199	173	206	94B
....	673	217	28	39	....	82	80	69	79	93	92	82	68	74	86	70	82	
2	249	64	16	8	....	30	40	33	21	40	24	25	18	17	32	20	37	94C
....	127	34	5	1	....	19	12	17	21	8	12	10	6	13	10	17	22	
3	151	34	2	9	1	21	24	18	12	8	12	20	14	13	14	8	33	95
....	118	29	3	8	....	24	19	19	11	16	14	6	11	5	10	10	13	
1	24	5	....	1	....	1	4	1	....	....	3	5	4	3	1	2	6	95A
....	25	5	....	2	....	11	5	3	1	1	....	2	....	2	2	2	3	
2	127	29	2	8	1	20	20	17	12	8	9	15	10	10	13	6	27	95B
....	93	24	3	6	....	13	14	16	10	15	14	4	11	3	8	8	10	
....	31	11	3	3	....	5	7	5	2	....	4	4	2	6	5	4	4	96
....	11	8	....	3	....	1	1	2	1	2	1	2	2	1	2	2	5	
6	1385	350	52	66	9	182	163	165	168	158	133	151	136	141	153	151	161	97
....	1477	339	59	64	6	177	159	208	177	150	152	151	143	125	146	166	191	
1	52	8	2	4	1	7	3	4	10	11	4	6	5	5	5	3	4	98
....	35	13	1	....	....	2	3	3	10	7	5	4	2	1	4	5	3	
....	14	5	1	2	....	3	1	1	2	3	2	2	1	1	2	2	2	99
....	15	5	....	1	....	3	1	2	3	2	1	1	....	1	3	2	2	
1	14	7	....	7	....	1	1	2	4	3	5	2	3	1	2	2	2	100
....	20	10	....	3	....	1	6	3	1	2	4	3	2	3	2	3	3	
....	7	....	....	....	....	2	1	1	1	....	....	....	....	....	2	....	....	101
....	3	1	....	....	....	....	1	....	1	....	....	....	1	....	1	....	....	
2	209	44	5	24	1	34	31	17	33	16	23	17	17	22	24	25	24	102
....	316	80	12	21	1	43	37	55	29	33	32	30	28	26	34	36	47	
....	....	2	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	103
....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	
5	2361	559	63	147	14	384	382	349	305	266	197	133	145	135	244	234	370	
3	1214	327	38	103	12	189	214	179	179	158	111	63	84	74	132	125	186	
2	1147	232	25	44	2	195	168	170	126	108	86	70	61	61	112	109	184	
....	16	3	2	....	....	2	2	2	3	1	4	....	2	....	1	1	3	104
....	18	1	1	1	....	1	....	3	4	1	2	....	2	1	3	2	2	
....	12	....	1	....	....	2	....	1	2	1	1	....	1	1	2	1	1	105
....	6	1	....	....	....	....	2	....	1	....	....	1	....	....	....	1	2	
....	2	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	105A
....	3	....	....	....	....	....	....	....	1	....	....	1	....	....	....	1	....	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
105B. Other diseases of the larynx	M	11	6	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	2
	F	4	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1
106. Bronchitis	M	38	6	1	.....	1	2	.....	.....	.....	10	9	.....	8
	F	47	6	.....	.....	2	6	.....	.....	2	2	7	.....	22
106A. Acute	M	11	6	.....	.....	.....	.....	.....	.....	.....	1	2	.....	2
	F	19	6	.....	.....	.....	3	.....	.....	1	.....	2	.....	7
106B. Chronic	M	20	.....	1	.....	1	2	.....	.....	.....	6	5	.....	4
	F	19	.....	.....	.....	2	2	.....	.....	1	2	5	.....	7
106C. Unspecified	M	7	.....	.....	.....	.....	.....	.....	.....	.....	3	2	.....	2
	F	9	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	8
107. Bronchopneumonia	M	676	235	6	12	23	34	.....	.....	19	82	124	.....	140
	F	629	170	8	11	16	58	.....	.....	17	44	73	.....	232
107A. Bronchopneumonia	M	675	235	6	12	23	34	.....	.....	19	82	124	.....	139
	F	625	170	8	11	16	57	.....	.....	16	44	73	.....	230
107B. Capillary bronchitis	M	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
	F	4	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	2
108. Lobar pneumonia	M	544	41	34	26	33	31	.....	4	57	142	96	.....	80
	F	441	63	10	14	16	30	.....	11	66	58	59	.....	114
109. Pneumonia, unspecified	M	159	47	3	9	1	12	.....	1	11	19	27	.....	29
	F	146	39	7	1	1	14	.....	.....	8	9	15	.....	52
110. Pleurisy	M	57	15	3	3	3	2	.....	.....	3	14	6	.....	7
	F	31	9	.....	.....	3	2	.....	.....	7	3	3	.....	4
111. Congestion and haemorrhagic infarct of the lung, etc	M	35	.....	.....	.....	1	4	.....	.....	1	.....	9	.....	20
	F	38	4	.....	.....	.....	6	.....	.....	1	2	6	.....	17
111A. Pulmonary embolism and thrombosis	M	2	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....
	F	2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1
111B. Others under this title	M	33	.....	.....	.....	.....	3	.....	.....	1	.....	9	.....	20
	F	36	4	.....	.....	.....	5	.....	.....	1	2	6	.....	16
112. Asthma	M	111	2	1	4	7	4	.....	.....	6	35	31	1	20
	F	79	3	2	2	1	8	.....	1	13	12	16	.....	21
113. Pulmonary emphysema	M	3	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....
	F	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
114. Other diseases of the respiratory system (tuberculosis excepted)	M	37	1	.....	1	5	.....	.....	.....	6	13	6	.....	5
	F	9	.....	.....	.....	.....	.....	.....	2	1	2	1	.....	3
114A. Chronic interstitial pneumonia including occupational diseases of the respiratory system	M	9	.....	.....	.....	1	.....	.....	.....	.....	6	1	.....	1
114C. Others under this title	M	28	1	.....	1	4	.....	.....	.....	6	7	5	.....	4
	F	9	.....	.....	.....	.....	.....	.....	2	1	2	1	.....	3
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM														
Total	...	2454	661	88	67	86	64	1	22	206	491	324	.....	437
	M	1,338	367	56	46	48	31	1	1	117	306	204	.....	154
	F	1,116	294	32	21	38	33	.....	21	89	185	120	.....	283
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations)	M	82	26	3	5	4	.....	.....	1	10	17	11	.....	4
	F	76	19	6	2	1	2	.....	3	6	12	5	.....	20
115A. Diseases of the buccal cavity and annexa	M	24	2	.....	1	2	.....	.....	.....	1	8	8	.....	1
	F	19	1	1	1	.....	.....	.....	1	.....	5	1	.....	9
115B. Diseases of the tonsils	M	29	15	1	3	.....	.....	.....	1	5	2	1	.....	1
	F	24	12	1	.....	1	.....	.....	.....	2	2	1	.....	5
115C. Others under this title	M	29	9	2	1	2	.....	.....	.....	4	7	2	.....	2
	F	33	6	4	1	.....	2	.....	2	4	5	3	.....	6
116. Diseases of the oesophagus	M	7	1	.....	.....	.....	.....	.....	.....	.....	3	1	.....	2
	F	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
117. Ulcer of the stomach or duodenum	M	241	.....	1	13	9	11	.....	.....	32	97	46	.....	28
	F	61	1	1	1	3	3	.....	1	4	18	7	.....	22
117A. Ulcer of the stomach	M	120	.....	1	4	7	7	.....	.....	13	42	29	.....	14
	F	39	1	.....	.....	2	2	.....	.....	3	14	5	.....	12
117B. Ulcer of the duodenum	M	121	.....	.....	9	2	4	.....	.....	19	55	17	.....	14
	F	22	.....	1	1	1	1	.....	1	1	4	2	.....	10

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1937—Continued

	NATIVITY					MONTHS												
Not stated	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
....	10	....	1	....	....	2	....	....	1	1	1	....	1	1	2	1	1	105B
....	3	1	....	....	....	....	2	....	....	....	....	....	....	....	....	....	2	
1	25	12	1	....	....	2	5	4	3	1	3	2	....	1	8	3	6	106
....	38	8	1	....	....	8	9	4	6	2	1	3	2	....	2	3	7	
....	7	3	1	....	....	2	2	2	1	....	....	1	....	....	2	1	....	106A
....	17	2	....	....	....	4	4	2	2	1	....	1	1	....	1	2	1	
1	14	6	....	....	....	....	2	2	2	1	2	1	....	....	4	1	5	106B
....	15	3	1	....	....	3	3	1	4	1	1	2	....	....	....	1	3	
....	4	3	....	....	....	....	1	....	....	....	1	....	....	1	2	1	1	106C
....	6	3	....	....	....	1	2	1	....	....	....	....	1	....	1	....	3	
1	509	120	6	38	3	81	88	73	64	53	33	36	35	35	54	51	73	107
....	487	111	11	19	1	82	83	66	52	45	45	35	23	25	53	46	74	
1	508	120	6	38	3	81	88	73	64	53	33	36	35	34	54	51	73	107A
....	483	111	11	19	1	81	83	66	52	45	44	35	23	25	52	46	73	
....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	107B
....	4	....	....	....	....	1	....	....	....	....	1	....	....	....	1	....	1	
....	368	112	23	33	8	61	66	56	67	70	36	12	21	14	37	36	68	108
....	344	78	9	9	1	63	48	57	33	42	15	19	17	15	33	34	65	
....	123	25	2	9	....	23	29	17	20	5	10	4	5	4	11	16	15	109
....	129	10	....	7	....	23	19	22	12	9	9	4	7	6	10	11	14	
1	39	10	1	6	1	5	7	5	4	3	10	3	2	3	6	3	6	110
....	24	3	1	3	....	4	2	5	5	4	1	4	....	1	2	1	2	
....	26	6	1	2	....	3	3	6	2	1	3	1	3	3	4	1	5	111
2	29	6	1	2	....	4	1	4	3	....	4	2	4	4	1	2	9	
....	1	1	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	111A
....	2	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	
....	25	5	1	2	....	3	3	6	2	1	2	1	2	3	4	1	5	111B
2	27	6	1	2	....	4	1	4	3	....	4	....	4	4	1	2	9	
....	73	29	1	8	....	9	10	11	8	20	7	2	13	10	5	8	8	112
....	63	14	1	1	....	9	4	8	9	5	8	2	5	7	8	8	6	
....	3	....	....	....	....	....	1	....	....	....	....	....	1	1	....	....	....	113
....	1	....	....	1	....	....	....	....	....	....	....	....	....	1	....	1	....	
....	20	10	....	7	....	1	3	4	6	3	4	3	1	2	4	5	1	114
....	8	....	....	1	....	1	....	1	1	....	1	....	1	1	....	....	3	
....	7	2	....	....	....	....	1	3	1	....	1	1	....	....	....	2	....	114A
....	13	8	....	7	....	1	2	1	5	3	3	2	1	2	4	3	1	114C
....	8	....	....	1	....	1	....	1	1	....	1	....	1	1	....	....	3	
7	1880	391	50	127	6	196	168	171	187	176	169	190	275	287	232	212	191	
7	999	220	29	87	3	100	92	94	97	102	95	99	145	160	123	110	121	
....	881	171	21	40	3	96	76	77	90	74	74	91	130	127	109	102	70	
1	63	14	2	3	....	5	6	10	10	7	3	10	6	5	6	6	8	115
....	63	9	1	3	....	9	7	8	2	8	8	11	10	6	3	3	1	
1	16	6	....	2	....	2	1	2	3	2	1	4	....	1	3	1	4	115A
....	15	3	1	....	....	2	2	1	....	4	1	3	1	3	1	1	....	
....	26	3	....	....	....	2	2	4	2	4	1	5	....	3	1	2	3	115B
....	22	2	....	....	....	2	4	1	....	3	3	2	6	1	....	1	1	
....	21	5	2	1	....	1	3	4	5	1	1	1	6	1	2	3	1	115C
....	26	4	....	3	....	5	1	6	2	1	4	6	3	2	2	1	....	
....	4	3	....	....	....	1	2	....	1	....	....	....	....	....	....	2	1	116
....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	
4	144	67	10	19	1	18	23	10	19	22	27	15	19	17	24	26	21	117
....	43	13	1	4	....	6	2	3	7	5	3	2	8	4	5	10	6	
3	75	27	7	10	1	10	12	5	8	10	13	8	13	10	13	12	6	117A
....	28	7	....	4	....	5	1	2	4	2	3	2	6	1	2	8	3	
1	69	40	3	9	....	8	11	5	11	12	14	7	6	7	11	14	15	117B
....	15	6	1	....	....	1	1	1	3	3	....	....	2	3	3	2	3	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Under 15	Single					Married					Widowed
				15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	
118. Other diseases of the stomach	M	27	9	1	.....	.....	.....	.....	.....	.....	5	6	.....	6
	F	27	11	.....	.....	.....	1	.....	.....	1	6	2	.....	6
119. Diarrhoea and enteritis (under 2 years of age).	M	216	216	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	183	183	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
120. Diarrhoea and enteritis (2 years and over)	M	73	21	5	2	6	2	.....	.....	6	7	12	....	11
	F	91	14	4	5	3	6	.....	1	4	10	11	.....	33
120A. Diarrhoea and enteritis	M	55	21	1	.....	5	2	.....	.....	4	2	10	.....	10
	F	71	14	4	4	2	5	.....	1	2	5	8	.....	26
120B. Ulceration of the intestines	M	18	.....	4	2	1	.....	.....	.....	2	5	2	.....	1
	F	20	.....	.....	1	1	1	.....	.....	2	5	3	.....	7
121. Appendicitis	M	210	54	33	12	4	1	.....	.....	40	42	18	.....	6
	F	160	46	12	6	8	2	.....	10	26	22	14	.....	14
122. Hernia, intestinal obstruction	M	240	27	10	8	14	12	1	.....	7	56	56	.....	48
	F	175	9	3	4	7	8	.....	3	18	35	17	.....	71
122A. Hernia	M	127	5	4	5	6	7	1	.....	2	28	35	.....	33
	F	80	.....	.....	3	1	5	.....	1	7	19	10	.....	34
122B. Intestinal obstruction.	M	113	22	6	3	8	5	.....	.....	5	28	21	.....	15
	F	95	9	3	1	6	3	.....	2	11	16	7	.....	37
123. Other diseases of the intestines	M	29	2	.....	1	2	.....	.....	.....	1	13	2	.....	8
	F	38	1	1	1	4	2	.....	.....	1	5	6	.....	17
124. Cirrhosis of the liver	M	82	2	1	2	7	2	.....	.....	9	21	24	.....	14
	F	47	.....	1	1	2	5	.....	.....	4	13	7	.....	14
124A. Specified as alcoholic	M	12	.....	.....	1	2	1	.....	.....	1	5	.....	.....	2
	F	2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1
124B. Not specified as alcoholic	M	70	2	1	1	5	1	.....	.....	8	16	24	.....	12
	F	45	.....	1	.....	2	5	.....	.....	4	13	7	.....	13
125. Other diseases of the liver	M	21	2	.....	.....	1	.....	.....	.....	2	8	5	.....	3
	F	21	1	1	.....	1	1	.....	.....	5	5	5	.....	2
125A. Yellow atrophy of the liver	M	4	.....	.....	.....	.....	.....	.....	.....	1	2	1	.....	.....
	F	8	1	.....	.....	.....	.....	.....	.....	4	3	.....	.....	.....
125B. Others under this title.	M	17	2	.....	.....	1	.....	.....	.....	1	6	4	.....	3
	F	13	.....	1	.....	1	1	.....	.....	1	2	5	.....	2
126. Biliary calculi	M	31	.....	.....	.....	.....	2	.....	.....	2	13	6	.....	8
	F	118	.....	.....	1	6	3	.....	1	13	37	21	.....	36
127. Other diseases of the gall-bladder and biliary passages	M	54	2	1	1	1	1	.....	.....	5	17	15	.....	11
	F	99	4	1	.....	3	.....	.....	.....	4	20	24	.....	43
128. Diseases of the pancreas	M	11	.....	.....	2	.....	.....	.....	.....	1	4	2	.....	2
	F	5	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	4
129. Peritonitis, cause not specified	M	14	5	1	.....	.....	.....	.....	.....	2	3	.....	.....	3
	F	13	4	2	.....	.....	.....	.....	2	2	2	1	.....	.....
CLASS X.—DISEASES OF THE GENITO-URINARY SYSTEM														
Total	...	2,796	33	31	50	85	212	.....	8	155	473	783	1	960
	M	1,708	15	15	33	57	130	.....	1	80	273	603	1	495
	F	1,088	18	16	17	28	82	.....	7	75	208	180	.....	465
130. Acute nephritis (including unspecified, under 10 years of age)	M	38	6	4	4	2	.....	.....	.....	5	8	7	.....	2
	F	23	5	3	.....	.....	.....	.....	1	1	7	1	.....	5
131. Chronic nephritis	M	755	3	9	18	38	49	.....	.....	41	156	251	1	189
	F	662	4	9	9	20	50	.....	1	31	109	116	.....	313
132. Nephritis, unspecified (10 years and over)	M	254	3	2	5	6	25	.....	.....	15	40	86	.....	71
	F	214	2	.....	4	3	22	.....	1	4	37	47	.....	94
133. Other diseases of the kidneys and ureters	M	64	1	.....	3	4	3	.....	.....	6	15	19	.....	12
	F	64	7	2	2	1	6	.....	1	11	10	3	.....	21
134. Calculi of the urinary passages	M	40	1	.....	1	.....	1	.....	1	10	14	5	.....	6
	F	20	.....	.....	.....	1	.....	.....	.....	5	7	2	.....	5
135. Diseases of the bladder (tumours excepted)	M	50	.....	.....	2	1	7	.....	.....	2	3	19	.....	16
	F	29	.....	.....	.....	2	3	.....	.....	.....	3	6	.....	15

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1937—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	21	5	....	1	....	3	2	4	....	1	3	3	7	....	....	2	2	118
....	21	5	....	1	....	3	....	3	6	1	2	2	2	1	2	3	2	
....	215	....	1	....	....	8	4	6	11	6	10	17	38	58	32	12	14	119
....	183	....	....	....	....	8	9	4	10	3	8	17	32	48	27	9	8	
1	59	10	1	2	1	4	2	3	3	7	3	5	9	18	3	7	9	120
....	74	13	2	2	....	5	3	6	4	7	4	4	18	14	15	8	3	
....	48	7	....	....	....	3	2	1	1	5	1	2	9	17	1	6	7	120A
....	61	8	1	1	....	4	2	1	3	6	2	2	16	13	12	8	2	
1	11	3	1	2	1	1	....	2	2	2	2	3	....	1	2	1	2	120B
....	13	5	1	1	....	1	1	5	1	1	2	2	2	1	3	....	1	
....	167	19	4	20	....	14	11	23	18	14	14	16	18	21	25	18	18	121
....	129	20	2	9	....	16	13	15	17	9	11	15	18	14	13	11	8	
1	172	39	5	23	1	24	24	18	18	22	23	17	22	19	17	17	19	122
....	125	33	9	7	1	21	14	11	15	19	13	12	16	10	14	15	15	
1	87	21	1	17	1	11	16	13	8	12	14	10	15	7	7	6	8	122A
....	50	21	4	5	....	9	11	5	9	7	6	5	6	4	4	7	7	
....	85	18	4	6	....	13	8	5	10	10	9	7	7	12	10	11	11	122B
....	75	12	5	2	1	12	3	6	6	12	7	7	10	6	10	8	8	
....	15	11	2	1	....	5	1	6	....	....	2	4	3	3	1	2	2	113
....	27	8	2	....	1	1	6	6	....	5	2	3	4	2	3	5	1	
....	60	16	1	5	....	10	5	5	4	8	4	4	12	9	5	9	7	124
....	29	17	1	....	....	1	4	1	8	3	2	7	4	6	3	5	3	
....	9	1	1	1	....	....	1	....	....	2	....	2	2	2	1	2	....	124A
....	2	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	
....	51	15	....	4	....	10	4	5	4	6	4	2	10	7	4	7	7	124B
....	27	17	1	....	....	1	4	1	8	3	2	7	4	4	3	5	3	
....	16	3	....	2	....	1	1	....	....	4	1	....	2	4	4	2	2	125
....	12	7	....	2	....	2	1	1	....	....	1	1	4	2	1	4	4	
....	3	1	....	....	....	....	....	....	....	1	....	....	....	1	1	1	....	125A
....	4	3	....	1	....	....	....	....	....	....	....	....	2	....	....	4	2	
....	13	2	....	2	....	1	1	....	....	3	1	....	2	3	3	1	2	125B
....	8	4	....	1	....	2	1	1	....	....	1	1	2	2	1	....	2	
....	14	12	1	4	....	1	5	2	5	4	1	....	2	2	3	2	4	126
....	86	22	2	8	....	14	8	11	13	2	14	10	6	9	11	11	9	
....	33	15	1	5	....	5	4	7	5	3	2	5	6	2	2	5	8	127
....	75	19	1	3	1	10	6	7	6	10	5	5	8	8	10	16	8	
....	6	3	1	1	....	1	1	....	....	1	2	1	....	1	....	....	4	128
....	3	2	....	....	....	....	1	1	....	....	....	....	....	1	....	1	1	
....	10	3	....	1	....	....	1	....	3	3	....	2	1	1	1	....	2	129
....	10	2	....	1	....	....	2	....	2	2	1	2	....	2	1	1	....	
5	2060	527	71	131	7	263	240	259	238	262	204	208	198	189	231	252	252	
5	1250	317	41	93	7	152	134	150	151	154	123	122	128	129	138	160	167	
....	810	210	30	38	....	111	106	109	87	108	81	86	70	60	93	92	85	
....	29	3	1	5	....	5	1	5	5	2	2	1	4	2	3	5	3	130
....	19	3	....	1	....	4	1	....	1	2	2	3	3	1	1	3	2	
....	565	130	17	39	4	74	64	84	72	71	57	56	50	46	54	66	61	131
....	504	115	19	24	....	68	62	65	56	59	50	56	41	34	58	57	56	
1	194	44	5	11	....	27	20	24	23	18	17	18	22	20	17	21	27	132
....	164	38	5	7	....	23	16	22	18	29	18	14	14	13	20	14	13	
1	33	21	3	7	....	3	3	6	6	5	6	1	6	6	9	7	6	133
....	45	17	2	....	....	6	9	5	4	8	3	4	4	3	4	12	2	
1	24	9	2	5	....	....	5	2	4	3	1	3	5	3	5	7	2	134
....	9	11	....	....	....	1	3	3	1	2	2	4	1	....	3	....	....	
....	35	12	....	3	....	4	1	3	2	8	3	4	4	3	4	9	5	135
....	18	9	2	....	....	2	4	5	3	1	2	....	4	2	1	....	5	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
136. Diseases of the urethra, urinary abscess, etc...	M	24	.....	.....	.....	1	2	.....	.....	1	3	6	.....	11
	F	4	.....	.....	.....	.....	1	.....	.....	.....	.....	2	.....	1
136A. Stricture of the urethra	M	20	.....	.....	.....	1	2	.....	.....	1	3	3	.....	10
	F	2	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....
136B. Others under this title.	M	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	1
	F	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
137. Diseases of the prostate.	M	479	.....	.....	.....	5	41	.....	.....	.....	34	209	.....	188
138. Diseases of the male genital organs (not specified as venereal)..	M	4	1	.....	.....	.....	2	.....	.....	.....	.....	1	.....	.....
139. Diseases of the female genital organs (not specified as venereal)..	F	72	.....	2	2	1	.....	.....	3	23	27	3	.....	11
139A. Of the ovary, Fallopian tube and parametrium	F	27	.....	1	2	.....	.....	.....	2	13	7	.....	.....	2
139B. Of the uterus.........	F	44	.....	1	.....	1	.....	.....	1	10	20	2	.....	9
139D. Others under this title.	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH, AND THE PUERPERAL STATE														
Total..............	...	319	1	17	4	.....	.....	.....	63	229	3	.....	.....	2
140. Abortion with septic conditions..........	F	35	.....	8	.....	.....	.....	.....	7	19	.....	.....	.....	1
140A. Abortion............	F	24	.....	5	.....	.....	.....	.....	6	13	.....	.....	.....	.....
140B. Self-induced abortion..	F	11	.....	3	.....	.....	.....	.....	1	6	.....	.....	.....	1
141. Abortion without mention of septic conditions (haemorrhage included)...........	F	10	.....	.....	1	.....	.....	.....	.....	9	.....	.....	.....	.....
141A. Abortion............	F	9	.....	.....	.....	.....	.....	.....	.....	9	.....	.....	.....	.....
141B. Self-induced abortion..	F	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
142. Ectopic gestation......	F	6	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	.....	.....
142B. Without mention of septic conditions......	F	6	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	.....	.....
143. Other accidents of pregnancy (haemorrhage. excluded)...........	F	10	.....	.....	.....	.....	.....	.....	2	7	1	.....	.....	.....
144. Puerperal haemorrhage.	F	36	.....	.....	.....	.....	.....	.....	7	29	.....	.....	.....	.....
144A. Placenta praevia......	F	19	.....	.....	.....	.....	.....	.....	3	16	.....	.....	.....	.....
144B. Other haemorrhages...	F	17	.....	.....	.....	.....	.....	.....	4	13	.....	.....	.....	.....
145. Puerperal septicaemia (not specified as due to abortion)...........	F	65	1	4	1	.....	.....	.....	13	45	.....	.....	.....	1
145A. Puerperal septicaemia and pyaemia.........	F	65	1	4	1	.....	.....	.....	13	45	.....	.....	.....	1
146. Puerperal albuminuria and eclampsia........	F	67	.....	2	1	.....	.....	.....	17	45	2	.....	.....	.....
147. Other toxaemias of pregnancy..............	F	20	.....	1	.....	.....	.....	.....	7	12	.....	.....	.....	.....
148. Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic)....	F	36	.....	2	.....	.....	.....	.....	4	30	.....	.....	.....	.....
148A. Phlegmasia alba dolens and thrombosis.......	F	9	.....	1	.....	.....	.....	.....	1	7	.....	.....	.....	.....
148B. Embolism............	F	22	.....	1	.....	.....	.....	.....	3	18	.....	.....	.....	.....
148C. Sudden death........	F	5	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....
149. Other accidents of childbirth...............	F	30	.....	.....	1	.....	.....	.....	6	23	.....	.....	.....	.....
149A. Caesarean operation...	F	9	.....	.....	1	.....	.....	.....	.....	8	.....	.....	.....	.....
149B. Other surgical operations and instrumental delivery............	F	4	.....	.....	.....	.....	.....	.....	2	2	.....	.....	.....	.....
149C. Dystocia............	F	4	.....	.....	.....	.....	.....	.....	2	2	.....	.....	.....	.....
149D. Rupture of uterus in parturition..........	F	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
149E. Others under this title.	F	12	.....	.....	.....	.....	.....	.....	2	10	.....	.....	.....	.....
150. Other or unspecified condition of the puerperal state...............	F	4	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....
150B. Others under this title.	F	4	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1937—Continued

Not stated	NATIVITY					MONTHS												
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
....	17	2	1	4	....	1	2	.....	1	.....	6	1	2	1	3	3	4	136
....	2	1	.....	1	....	.....	1	.....	1	.....	.....	.....	.....	.....	2	.....	.....	
....	14	2	1	3	....	1	1	.....	.....	.....	5	1	2	1	3	2	4	136A
....	2	.....	.....	.....	....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	
....	3	.....	.....	1	....	.....	1	.....	1	.....	1	.....	.....	.....	.....	1	.....	136B
....	.....	1	.....	1	....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	
2	350	95	12	19	3	38	37	26	37	47	30	38	35	48	43	41	59	137
....	3	1	.....	.....	....	.....	1	.....	1	.....	1	.....	.....	.....	.....	1	.....	138
....	49	16	2	5	....	7	10	9	3	7	4	5	3	7	4	6	7	139
....	21	3	1	2	....	2	2	3	1	6	1	1	1	3	.....	3	4	139A
....	27	13	1	3	....	5	7	6	2	1	3	4	2	4	4	3	3	139B
....	1	.....	.....	.....	....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	139D
....	248	40	10	21	....	31	25	28	25	33	33	24	29	18	29	16	28	
....	25	5	2	3	....	2	3	2	4	6	1	3	2	3	3	2	4	140
....	16	3	2	3	....	1	3	1	4	4	.....	3	1	2	1	2	2	140A
....	9	2	.....	.....	....	1	.....	1	.....	2	1	.....	1	1	2	.....	2	140B
....	9	1	.....	.....	....	1	3	4	.....	1	.....	.....	1	.....	.....	.....	.....	141
....	8	1	.....	.....	....	1	2	4	.....	1	.....	.....	1	.....	.....	.....	.....	141A
....	1	.....	.....	.....	....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	141B
....	5	1	.....	.....	....	1	1	.....	.....	.....	1	1	.....	1	1	.....	.....	142
....	5	1	.....	.....	....	1	1	.....	.....	.....	1	1	.....	1	1	.....	.....	142B
....	8	2	.....	.....	....	2	.....	2	1	1	1	.....	1	.....	.....	1	1	143
....	26	4	3	3	....	4	.....	3	1	6	7	1	4	4	3	2	1	144
....	12	3	2	2	....	4	.....	.....	.....	4	2	.....	2	3	2	1	1	144A
....	14	1	1	1	....	.....	.....	3	1	2	5	1	2	1	1	1	.....	144B
....	52	9	2	2	....	6	6	6	5	7	7	4	5	1	8	4	6	145
....	52	9	2	2	....	6	6	6	5	7	7	4	5	1	8	4	6	145A
....	54	4	1	8	....	6	5	3	8	2	7	10	6	5	7	4	4	146
....	20	.....	.....	.....	....	2	.....	1	1	1	5	3	2	.....	3	.....	2	147
....	26	7	2	1	....	2	5	3	2	4	3	1	4	2	2	2	6	148
....	6	3	.....	.....	....	.....	1	1	.....	1	2	1	2	.....	1	.....	.....	148A
....	16	3	2	1	....	2	4	2	1	3	.....	.....	2	2	1	1	4	148B
....	4	1	.....	.....	....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	1	2	148C
....	21	5	.....	4	....	5	1	4	3	4	1	1	3	2	2	1	3	149
....	3	5	.....	1	....	2	.....	.....	.....	.....	.....	1	1	1	1	1	2	149A
....	4	.....	.....	.....	....	1	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	149B
....	4	.....	.....	.....	....	.....	.....	2	1	.....	1	.....	.....	.....	.....	.....	.....	149C
....	1	.....	.....	.....	....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	149D
....	9	.....	.....	3	....	2	.....	1	2	2	.....	.....	2	1	1	.....	1	149E
....	2	2	.....	.....	....	.....	1	.....	.....	1	.....	.....	1	.....	.....	.....	1	150
....	2	2	.....	.....	....	.....	1	.....	.....	1	.....	.....	1	.....	.....	.....	1	150B

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE														
Total	...	98	15	10	9	5	2	.....	.....	12	20	7	.....	18
	M	63	7	9	8	4	1	.....	.....	9	14	6	.....	5
	F	35	8	1	1	1	1	.....	.....	3	6	1	.....	13
151. Carbuncle	M	14	2	2	2	1	.....	.....	.....	1	2	1	.....	3
	F	10	3	1	1	.....	.....	.....	.....	.....	1	.....	.....	4
152. Cellulitis, acute abscess	M	41	5	6	6	2	1	.....	.....	5	11	3	.....	2
	F	13	2	.....	.....	1	.....	.....	.....	3	2	1	.....	4
153. Other diseases of the skin and annexa and of the cellular tissue	M	8	.....	1	.....	1	.....	.....	.....	3	1	2	.....	.....
	F	12	3	.....	.....	.....	1	.....	.....	.....	3	.....	.....	5
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF LOCOMOTION														
Total	...	111	30	5	11	3	6	.....	.....	9	10	16	.....	21
	M	70	21	5	9	3	3	.....	.....	6	6	12	.....	5
	F	41	9	.....	2	.....	3	.....	.....	3	4	4	.....	16
154. Osteomyelitis	M	45	18	3	7	3	2	.....	.....	4	1	6	.....	1
	F	12	4	.....	.....	.....	.....	.....	.....	1	1	1	.....	5
155. Other diseases of the bones (tuberculosis excepted)	M	9	.....	1	.....	.....	.....	.....	.....	2	3	1	.....	2
	F	16	.....	.....	2	.....	1	.....	.....	1	1	2	.....	9
156. Diseases of the joints and other organs of locomotion	M	16	3	1	2	.....	1	.....	.....	.....	2	5	.....	2
	F	13	5	.....	.....	.....	2	.....	.....	1	2	1	.....	2
156A. Of the joints (tuberculosis and rheumatism excepted)	M	9	2	.....	.....	.....	1	.....	.....	.....	1	4	.....	1
	F	6	1	.....	.....	.....	.....	.....	.....	1	1	1	.....	2
156B. Of other organs of locomotion	M	7	1	1	2	.....	.....	.....	.....	.....	1	1	.....	1
	F	7	4	.....	.....	.....	2	.....	.....	.....	1	.....	.....	.....
CLASS XIV.—CONGENITAL MALFORMATIONS														
Total	...	490	474	8	3	.....	1	.....	.....	2	2	.....	.....	.....
	M	260	250	5	2	.....	.....	.....	.....	1	2	.....	.....	.....
	F	230	224	3	1	.....	1	.....	.....	1	.....	.....	.....	.....
15 7. Congenital malformations (stillbirths excluded)	M	260	250	5	2	.....	.....	.....	.....	1	2	.....	.....	.....
	F	230	224	3	1	.....	1	.....	.....	1	.....	.....	.....	.....
157A. Congenital hydrocephalus	M	31	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	32	30	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
157B. Spina bifida and meningocele	M	53	52	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	77	77											
157C. Congenital malformations of the heart	M	108	100	4	2	.....	.....	.....	.....	1	1	.....	.....	.....
	F	72	72	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
157D. Monstrosities	M	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	6	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
157E Others under this title	M	65	64	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
	F	43	39	2	.....	.....	1	.....	.....	1	.....	.....	.....	.....

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1937—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	71	16	4	7	....	11	7	7	10	8	8	8	4	9	11	6	9	
....	45	9	4	5	....	7	4	4	5	4	5	6	3	6	7	4	8	
....	26	7	.....	2	....	4	3	3	5	4	3	2	1	3	4	2	1	
....	10	3	.....	1	....	1	1	1	2	1	.....	1	1	2	3	1	.....	151
....	7	3	.....	.....	....	2	.....	.....	.....	1	1	.....	1	1	3	.....	1	
....	30	5	3	3	....	5	3	1	3	3	5	5	1	2	4	2	7	152
....	9	4	.....	.....	....	1	2	1	.....	2	1	2	.....	2	1	1	.....	
....	5	1	1	1	....	1	.....	2	.....	.....	.....	.....	1	2	.....	1	1	153
....	10	.....	.....	2	....	1	1	2	5	1	1	.....	.....	.....	.....	1	.....	
....	87	13	2	9	....	10	11	13	9	6	4	7	11	7	14	7	12	
....	56	8	1	5	....	6	8	10	5	5	4	4	7	4	8	2	7	
....	31	5	1	4	....	4	3	3	4	1	.....	3	4	3	6	5	5	
....	39	2	1	3	....	4	4	5	3	4	3	3	5	1	7	1	5	154
....	10	.....	.....	2	....	.....	.....	.....	4	1	.....	1	2	1	2	.....	1	
....	6	2	.....	1	....	2	1	2	1	1	.....	.....	.....	2	.....	.....	.....	155
....	11	3	.....	2	....	2	2	2	.....	.....	.....	.....	2	2	1	2	3	
....	11	4	.....	1	....	.....	3	3	1	.....	1	1	2	1	1	1	2	156
....	10	2	1	.....	....	2	1	1	.....	.....	.....	2	.....	.....	3	3	1	
....	7	2	.....	.....	....	.....	2	1	.....	.....	1	.....	2	1	1	.....	1	156A
....	4	2	.....	.....	....	1	.....	1	.....	.....	.....	2	.....	.....	1	1	.....	
....	4	2	.....	1	....	.....	1	2	1	.....	.....	1	.....	.....	.....	1	1	156B
....	6	.....	1	.....	....	1	1	.....	.....	.....	.....	.....	.....	.....	2	2	1	
....	485	2	3	.....	....	36	46	47	43	34	36	36	47	40	48	42	35	
....	257	1	2	.....	....	18	22	23	21	24	17	21	22	16	31	24	21	
....	228	1	1	.....	....	18	24	24	22	10	19	15	25	24	17	18	14	
....	257	1	2	.....	....	18	22	23	21	24	17	21	22	16	31	24	21	157
....	228	1	1	.....	....	18	24	24	22	10	19	15	25	24	17	18	14	
....	31	.....	.....	.....	....	1	1	1	2	3	4	5	1	5	.....	3	5	157A
....	32	.....	.....	.....	....	1	2	2	5	3	3	1	5	1	4	3	2	
....	53	.....	.....	.....	....	5	6	2	7	3	3	5	5	3	8	4	2	157B
....	77	.....	.....	.....	....	8	8	9	7	3	5	5	9	7	6	6	4	
....	105	1	2	.....	....	9	11	15	6	9	7	7	7	5	14	10	8	157C
....	71	.....	1	.....	....	4	10	9	7	2	5	6	5	10	5	6	3	
....	3	.....	.....	.....	....	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....	.....	157D
....	6	.....	.....	.....	....	.....	1	.....	2	.....	2	.....	1	.....	.....	.....	.....	
....	65	.....	.....	.....	....	3	4	5	6	9	2	3	8	3	9	7	6	157E
....	42	1	.....	.....	....	5	3	4	1	2	4	3	5	6	2	3	5	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Under 15	Single					Married					Widowed
				15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	
CLASS XV.—DISEASES OF EARLY INFANCY														
Total	...	1,618	1618	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	M	925	925	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	693	693	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
158. Congenital debility	M	50	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	50	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
159. Premature birth	M	588	588	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	456	456	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
160. Injury at birth	M	153	153	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	106	106	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
160A. With mention of caesarean operation	M	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
160B. Without mention of sarean operation	M	151	151	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	105	105	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
161. Other diseases peculiar to early infancy (under 3 months)	M	134	134	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	81	81	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
161A. Atelectasis	M	50	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	28	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
161B. Icterus of the new-born	M	21	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	13	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
161C. Sclerema and oedema	M	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
161D. Athrepsia	M	6	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
161E. Others, including lack of care	M	53	53	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	33	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
161F. No cause given, no doctor in attendance	M	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	5	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
CLASS XVI.—SENILITY														
Total	...	439	.....	.....	.....	.....	62	.....	.....	.....	1	102	.....	274
	M	181	.....	.....	.....	.....	26	.....	.....	.....	.....	72	.....	83
	F	258	.....	.....	.....	.....	36	.....	.....	.....	1	30	.....	191
162. Senility	M	181	.....	.....	.....	.....	26	.....	.....	.....	.....	72	.....	83
	F	258	.....	.....	.....	.....	36	.....	.....	.....	1	30	.....	191
162A. With senile dementia (70 years and over)	M	63	.....	.....	.....	.....	9	.....	.....	.....	.....	31	.....	23
	F	95	.....	.....	.....	.....	19	.....	.....	.....	.....	16	.....	60
162B. Without senile dementia (70 years and over)	M	118	.....	.....	.....	.....	17	.....	.....	.....	.....	41	.....	60
	F	162	.....	.....	.....	.....	17	.....	.....	.....	.....	14	.....	131
162C. Premature senility (55 years but under 70 years)	F	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS														
Total	...	2851	421	287	243	117	136	2	35	360	424	281	1	516
	M	1941	275	236	215	96	56	2	17	287	317	207	1	204
	F	910	146	51	28	21	80	.....	18	73	107	74	.....	312
163-171. Suicides	M	271	1	15	39	15	6	.....	1	65	74	19	.....	27
	F	95	.....	7	9	7	1	.....	3	29	24	6	.....	9
163. Suicide by solid or liquid poisons or by absorption of corrosive substances	M	45	.....	2	12	.....	.....	.....	.....	19	6	2	.....	3
	F	26	.....	2	2	1	.....	.....	1	15	1	1	.....	3
164. Suicide by poisonous gas	M	29	.....	.....	4	1	1	.....	.....	10	10	.....	.....	3
	F	7	.....	.....	1	2	.....	.....	.....	1	3	.....	.....	.....

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1937—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	1618	....	....	....	....	157	120	159	150	145	127	174	114	109	109	126	128	
....	925	....	....	....	....	96	65	94	85	80	78	98	62	63	64	69	71	
....	693	....	....	....	....	61	55	65	65	65	49	76	52	46	45	57	57	
....	50	....	....	....	....	5	....	4	4	5	7	5	5	1	5	2	7	158
....	50	....	....	....	....	6	2	8	6	7	5	5	....	....	3	4	4	
....	588	....	....	....	....	65	44	54	51	55	49	54	34	41	41	51	49	159
....	456	....	....	....	....	40	34	40	38	39	33	48	37	32	29	45	41	
....	153	....	....	....	....	20	8	20	15	8	12	21	14	11	10	4	10	160
....	106	....	....	....	....	7	13	6	14	13	5	12	9	8	8	4	7	
....	2	....	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	160A
....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	
....	151	....	....	....	....	20	7	20	15	8	12	20	14	11	10	4	10	160B
....	105	....	....	....	....	7	13	6	14	13	5	11	9	8	8	4	7	
....	134	....	....	....	....	6	13	16	15	12	10	18	9	10	8	12	5	161
....	81	....	....	....	....	8	6	11	7	6	6	11	6	6	5	4	5	
....	50	....	....	....	....	1	4	9	5	5	6	5	3	5	3	4	....	161A
....	28	....	....	....	....	2	4	4	4	1	4	1	4	2	....	....	2	
....	21	....	....	....	....	1	1	2	2	2	....	3	2	1	1	4	2	161B
....	13	....	....	....	....	....	....	1	....	2	1	4	1	1	....	1	2	
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	161C
....	6	....	....	....	....	....	1	1	....	1	1	1	1	....	....	....	....	161D
....	2	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	
....	53	....	....	....	....	3	6	4	8	4	2	9	3	4	3	4	3	161E
....	33	....	....	....	....	5	1	6	2	3	1	5	....	1	5	3	1	
....	3	....	....	....	....	1	1	....	....	....	1	....	....	....	....	....	....	161F
....	5	....	....	....	....	1	1	....	....	....	....	....	1	2	....	....	....	
....	322	94	11	11	1	34	33	44	32	40	39	33	31	40	27	37	49	
....	129	37	8	7	....	13	10	27	15	16	15	14	9	13	9	15	25	
....	193	57	3	4	1	21	23	17	17	24	24	19	22	27	18	22	24	
....	129	37	8	7	....	13	10	27	15	16	15	14	9	13	9	15	25	162
....	193	57	3	4	1	21	23	17	17	24	24	19	22	27	18	22	24	
....	46	13	3	1	....	5	3	11	5	6	4	7	5	3	2	5	7	162A
....	70	23	....	1	1	4	11	5	4	7	14	6	10	11	7	7	9	
....	83	24	5	6	....	8	7	16	10	10	11	7	4	10	7	10	18	162B
....	122	34	3	3	....	17	12	12	13	17	10	13	12	15	11	15	15	
....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	162C
28	2037	435	106	231	42	226	184	206	200	208	252	369	281	234	249	235	207	
28	1338	303	73	190	37	144	125	128	138	143	180	262	182	160	163	165	151	
....	699	132	33	41	5	82	59	78	62	65	72	107	99	74	86	70	56	
9	155	53	11	44	8	22	25	27	18	25	27	20	19	23	27	19	19	163–171
....	65	16	3	10	1	5	8	13	7	9	5	7	12	7	11	6	5	
1	31	9	1	3	1	4	5	5	4	3	5	3	2	2	3	6	3	163
....	20	2	....	4	....	....	....	8	2	3	2	2	4	....	2	2	1	
....	19	9	....	1	....	1	1	5	4	2	3	2	3	3	3	2	....	164
....	4	2	....	....	1	....	2	1	1	....	....	....	....	1	2	....	....	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
165. Suicide by hanging or strangulation........	M	56	.....	3	6	4	.....	.....	.....	13	15	5	.....	7
	F	19	.....	1	1	1	1	.....	1	5	6	1	.....	2
166. Suicide by drowning....	M	33	.....	.....	1	4	3	.....	.....	1	11	7	.....	6
	F	20	.....	1	3	2	.....	.....	.....	2	6	2	.....	4
167. Suicide by firearms.....	M	66	1	10	11	5	1	.....	.....	10	18	4	.....	3
	F	6	.....	2	.....	.....	.....	.....	.....	2	2	.....	.....	.....
168. Suicide by cutting or piercing instruments..	M	20	.....	.....	1	1	1	.....	.....	7	6	1	.....	2
	F	6	.....	1	.....	.....	.....	.....	.....	1	2	2	.....	.....
169. Suicide by jumping from high places..........	M	15	.....	.....	3	.....	.....	.....	1	3	5	.....	.....	3
	F	8	.....	.....	2	1	.....	.....	1	.....	4	.....	.....	.....
170. Suicide by crushing....	M	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
171. Suicide by other means.	M	5	.....	.....	1	.....	.....	.....	.....	1	3	.....	.....	.....
	F	2	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
173–175. Homicides........	M	29	5	4	8	2	.....	.....	.....	4	4	1	.....	.....
	F	22	7	6	2	.....	.....	.....	1	3	2	.....	.....	1
173. Homicide by firearms...	M	12	.....	3	3	1	.....	.....	.....	3	1	.....	.....	.....
	F	4	.....	1	1	.....	.....	.....	.....	1	.....	.....	.....	1
174. Homicide by cutting or piercing instruments..	M	4	1	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....
	F	6	3	1	.....	.....	.....	.....	.....	1	1	.....	.....	.....
175. Homicide by other means...............	M	13	4	1	3	.....	.....	.....	.....	1	3	1	.....	.....
	F	12	4	4	1	.....	.....	.....	1	1	1	.....	.....	.....
176–198. Other violent deaths	M	1,641	269	217	168	79	50	2	16	218	239	187	1	177
	F	793	139	38	17	14	79	.....	14	41	81	68	.....	302
176. Attack by venomous animals..............	M	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
177. Food poisoning........	F	2	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
178. Accidental absorption of toxic gases...........	M	22	1	1	1	2	2	.....	.....	4	6	4	.....	1
	F	7	.....	.....	.....	.....	1	.....	1	2	1	.....	.....	2
179. Other acute accidental poisonings (except by gas)................	M	17	4	.....	2	3	.....	.....	.....	1	2	1	.....	3
	F	15	6	.....	1	.....	1	.....	.....	2	2	.....	.....	3
180. Conflagration..........	M	36	8	3	5	2	2	.....	1	3	7	3	.....	2
	F	5	2	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1
181. Accidental burns (conflagration excepted).....	M	45	20	1	3	3	1	.....	.....	8	3	3	.....	3
	F	58	29	.....	2	.....	7	.....	2	3	1	1	.....	13
182. Accidental mechanical suffocation...........	M	29	19	2	2	1	1	.....	.....	.....	.....	3	.....	1
	F	27	26	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
183. Accidental drowning....	M	261	73	54	31	9	3	.....	4	45	18	8	.....	13
	F	44	19	9	3	.....	.....	.....	2	5	3	.....	.....	3
184. Accidental injury by firearms.............	M	27	5	10	5	.....	.....	.....	1	1	3	.....	.....	2
	F	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
185. Accidental injury by cutting or piercing instruments...........	M	16	6	1	.....	1	.....	.....	.....	3	2	2	.....	1
	F	4	1	2	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
186. Accidental injury by fall, crushing or landslide..	M	1,031	118	132	103	44	37	2	10	134	168	137	1	133
	F	555	51	27	9	9	65	.....	8	23	61	51	.....	251
187. Cataclysm............	M	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
188. Injuries by animals....	M	24	2	2	2	2	1	.....	.....	3	5	1	.....	6
	F	2	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....
189. Hunger or thirst.......	M	2	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....
	F	2	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
190. Excessive cold.........	M	8	.....	.....	1	4	1	.....	.....	.....	.....	1	.....	1
	F	2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1
191. Excessive heat.........	M	38	2	.....	2	4	.....	.....	.....	1	6	16	.....	6
	F	27	1	.....	.....	.....	4	.....	1	.....	6	4	.....	11
192. Lightning.............	M	7	1	.....	1	.....	.....	.....	.....	2	2	1	.....	.....
	F	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
193. Accidents due to electric currents.............	M	17	1	2	1	1	.....	.....	.....	6	6	.....	.....	.....
	F	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
194. Other accidents	M	54	8	9	6	3	1	.....	.....	6	11	6	.....	4
	F	35	1	.....	.....	2	1	.....	.....	1	3	10	.....	17
194A. Foreign body.........	M	8	5	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1937—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
3	29	7	1	17	2	2	3	4	....	7	6	5	4	5	7	4	9	165
....	12	3	1	3	....	3	1	2	2	1	1	2	3	....	4	....	....	
....	17	9	4	3	....	2	2	4	1	5	4	1	3	5	4	....	2	166
....	15	5	....	....	....	....	2	....	1	4	1	2	3	4	1	1	1	
3	40	11	5	7	3	8	6	4	8	6	6	7	2	4	9	5	1	167
....	5	1	....	....	....	1	1	1	....	....	....	....	1	....	1	1	....	
1	11	5	....	3	1	2	6	3	1	1	....	1	3	1	....	1	1	168
....	5	1	....	....	....	1	....	....	....	....	1	....	1	....	....	1	2	
....	6	2	....	7	....	1	2	1	....	1	3	1	1	2	....	1	2	169
....	4	....	2	2	....	....	2	....	....	1	....	1	....	2	1	1	....	
1	....	....	....	1	1	....	....	1	....	....	....	....	....	....	1	....	....	170
....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	
....	2	1	....	2	....	2	....	....	....	....	....	....	1	1	....	....	1	171
....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	1	
1	15	5	2	3	4	6	....	1	....	4	3	5	1	....	4	3	2	173–175
....	14	2	2	1	3	1	3	3	1	3	....	4	3	2	2	....	....	
1	6	2	....	3	1	2	....	1	....	3	2	2	....	....	1	1	....	173
....	2	....	2	....	....	....	1	....	....	....	....	2	....	....	1	....	....	
....	2	1	....	....	1	....	....	....	....	....	....	1	....	....	2	1	....	174
....	4	1	....	....	1	....	....	1	....	2	....	2	1	....	....	....	....	
....	7	2	2	....	2	4	....	....	....	1	1	2	1	....	1	1	2	175
....	8	1	....	1	2	1	2	2	1	1	....	....	2	2	1	....	....	
18	1168	245	60	143	25	116	100	100	120	114	150	237	162	137	132	143	130	176–198
....	620	114	28	30	1	76	48	62	54	53	67	96	84	65	73	64	51	
....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	176
....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	
....	2	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	177
....	15	4	2	1	....	3	1	2	2	....	2	1	2	1	4	1	3	178
....	3	4	....	....	....	....	....	1	....	1	....	....	....	3	1	1	....	
1	14	2	....	....	1	....	3	1	3	4	1	....	3	1	....	1	....	179
....	13	1	....	1	....	....	2	5	1	1	1	2	1	....	2	....	....	
....	26	6	1	3	....	1	1	3	....	3	2	1	4	....	5	7	9	180
....	5	....	....	....	....	1	....	....	2	....	....	....	....	....	....	1	1	
....	33	6	....	6	....	10	2	6	1	....	3	3	4	5	....	6	5	181
....	53	4	....	1	....	5	8	6	2	8	3	5	3	2	6	8	2	
....	25	2	1	1	....	3	5	4	2	2	....	2	1	....	3	3	4	182
....	26	1	....	....	....	6	1	2	2	2	....	1	2	2	4	1	4	
3	195	21	20	22	3	11	7	3	14	29	35	53	45	13	17	21	13	183
....	34	5	4	1	....	1	1	1	1	3	4	7	18	3	3	2	....	
....	23	4	....	....	....	....	1	....	2	2	2	1	3	3	6	2	5	184
....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	
....	13	1	2	....	....	1	1	1	3	....	1	....	4	2	3	....	....	185
....	2	....	....	2	....	....	....	....	....	1	....	1	....	....	1	....	1	
12	722	166	30	97	16	80	73	68	86	68	90	120	86	97	89	94	80	186
....	419	91	22	22	1	58	32	39	43	36	53	52	54	49	54	45	40	
....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	187
....	19	5	....	....	....	1	2	2	1	3	3	5	1	5	....	1	....	188
....	2	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	
....	2	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	189
....	2	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	
....	4	1	....	2	1	1	....	1	2	....	....	....	....	....	1	2	1	190
....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	
1	21	10	2	5	....	....	....	....	....	....	2	29	3	4	....	....	....	191
....	20	6	1	....	....	....	....	....	....	....	1	19	4	3	....	....	....	
....	5	1	....	....	1	....	....	....	....	....	....	4	3	....	....	....	....	192
....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	
....	12	5	....	....	....	1	1	....	1	1	2	6	2	1	1	....	1	193
....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	
....	36	9	1	6	2	2	2	8	3	2	7	11	1	4	2	4	8	194
....	30	2	....	3	....	5	2	4	3	1	5	5	1	....	2	6	1	
....	6	2	....	....	....	1	....	1	....	....	....	1	1	....	....	2	2	194A
....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Un-der 15	Single					Married					Wid-owed
				15–24	25–44	45–64	65 and over	Age not stat-ed	15–24	25–44	45–64	65 and over	Age not stat-ed	
194B. Others under this title.	M	46	3	9	6	3	1	.....	.....	6	10	4	.....	4
	F	34	1	.....	.....	2	1	.....	.....	1	2	10	.....	17
195. Violent deaths of which the nature (accident, suicide, homicide) is unknown............	M	4	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	1
	F	4	.....	.....	.....	.....	.....	.....	.....	2	2	.....	.....	.....
198. Capital punishment....	M	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
CLASS XVIII.—ILL-DEFINED CAUSES OF DEATH														
Total..............	...	63	20	2	.....	4	4	1	1	4	9	10	.....	8
	M	40	13	1	.....	2	4	.....	1	2	6	7	.....	4
	F	23	7	1	.....	2	.....	1	.....	2	3	3	.....	4
199. Sudden death.........	M	18	.....	.....	.....	1	4	.....	.....	1	3	5	.....	4
	F	7	.....	.....	.....	1	.....	.....	.....	.....	3	1	.....	2
200. Cause of death not specified or ill-defined.....	M	22	13	1	.....	1	.....	.....	1	1	3	2	.....	.....
	F	16	7	1	.....	1	.....	1	.....	2	.....	2	.....	2

SPECIAL CLASSES OF

(Included also under the numbers

ONTARIO,

A. Accidents in mines and quarries.............	M	40	.....	7	12	2	.....	.....	2	13	2	.....	.....	2
B. Accidents caused by machines................	M	54	5	6	11	3	1	.....	.....	12	8	6	.....	2
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
C. Railway accidents........	M	83	1	12	13	6	1	2	.....	14	19	5	.....	5
	F	10	4	1	.....	.....	.....	.....	.....	2	2	.....	.....	1
D. Street-car accidents......	M	5	.....	.....	.....	.....	1	.....	.....	.....	1	1	.....	2
	F	5	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	3
E. Automobile and motorcycle accidents.......	M	566	96	98	49	25	12	.....	6	83	96	50	1	45
	F	208	40	27	9	6	7	.....	8	19	48	9	.....	35
F. Other land transportation.	M	31	6	5	3	3	1	.....	.....	4	6	2	.....	.....
	F	5	2	.....	.....	.....	1	.....	.....	.....	2	.....	.....	.....
G. Water transportation.....	M	64	5	19	13	2	.....	.....	1	11	8	3	.....	2
	F	6	.....	3	.....	.....	.....	.....	1	2	.....	.....	.....	.....
H. Air transportation.......	M	15	.....	3	4	.....	.....	.....	1	7	.....	.....	.....	.....

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1937—Continued

	NATIVITY					MONTHS												
Not stated	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
....	30	7	1	6	2	1	2	7	3	2	7	10	.....	4	2	2	6	194B
....	29	2	.....	3	....	5	2	4	3	1	5	4	1	.....	2	6	1	
1	1	2	.....	.....	1	.....	.....	1	.....	.....	.....	1	.....	.....	1	1	.....	195
....	3	.....	1	.....	....	.....	1	2	.....	.....	.....	1	.....	.....	.....	.....	.....	
....	1	.....	.....	.....	....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	198
....	61	.....	1	1	....	8	5	7	6	4	2	1	1	5	6	9	9	
....	39	.....	1	.....	....	5	3	4	2	1	2	1	1	4	4	7	6	
....	22	.....	.....	1	....	3	2	3	4	3	.....	.....	.....	1	2	2	3	
....	17	.....	1	.....	....	1	1	2	1	1	1	.....	.....	2	2	2	5	199
....	6	.....	.....	1	....	1	.....	1	.....	1	.....	.....	.....	.....	1	1	2	
....	22	.....	.....	.....	....	4	2	2	1	.....	1	1	1	2	2	5	1	200
....	16	.....	.....	.....	....	2	2	2	4	2	.....	.....	.....	1	1	1	1	

ACCIDENTAL DEATHS

of the International List above)

1937

....	15	4	1	18	2	1	2	7	3	3	1	7	1	10	.....	1	4	A
....	45	7	.....	1	1	4	3	4	4	3	7	6	3	6	7	5	2	B
....	1	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	
5	55	6	3	12	7	3	3	5	4	10	4	17	7	10	13	.....	7	C
....	7	.....	.....	3	....	2	.....	.....	.....	1	.....	2	1	1	1	2	.....	
....	3	1	1	.....	....	.....	.....	2	1	.....	.....	.....	.....	1	.....	1	.....	D
....	4	1	.....	.....	....	1	.....	.....	.....	.....	.....	1	2	.....	.....	1	.....	
5	411	95	18	38	4	36	25	27	40	35	56	70	57	56	52	67	45	E
....	151	35	11	10	1	13	7	13	18	10	21	29	27	22	18	17	13	
1	24	2	.....	4	1	4	4	3	2	1	1	6	1	.....	1	6	2	F
....	5	.....	.....	.....	....	.....	1	.....	1	.....	1	1	.....	1	.....	.....	.....	
....	45	6	9	4	....	.....	1	.....	5	4	9	9	12	5	11	8	.....	G
....	5	1	.....	.....	....	.....	.....	.....	.....	.....	.....	1	4	.....	1	.....	.....	
....	11	2	2	.....	....	.....	.....	.....	.....	2	3	1	2	3	3	1	.....	H

TABLE 39—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora	Kent	Lambton
Total	16,758	69	230	240	547	285	371	175	193	314	300	325	239	230	190	512	241	61	213	379	624	149	401	415
CLASS I.—INFECTIOUS AND PARASITIC DISEASES																								
Total	2051	7	30	40	57	22	48	18	14	32	23	26	18	39	23	60	18	2	18	33	69	28	39	34
1. Typhoid fever	15	..	..	2	...	...	2	..	..	...	...	...	...	..	..	...	...	..	...	1	1	..	...	1
2. Paratyphoid fever	3	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	1
5. Undulant fever	2	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	1	..	...	..
7. Measles	14	..	..	..	2	...	1	1	..	...	...	...	...	..	..	...	...	..	...	...	1	..	1	..
8. Scarlet fever	17	..	..	..	...	...	..	..	..	1	...	...	...	1	1	...	...	..	...	1	...	..	1	..
9. Whooping-cough	58	..	2	1	1	...	8	..	1	...	...	1	...	2	..	3	...	..	...	...	2	4	...	..
10. Diphtheria	11	..	1	..	...	...	..	..	..	...	1	...	...	1	..	...	1	..	...	...	...	..	...	..
11. Influenza	984	6	14	17	35	17	14	10	11	25	18	22	8	21	14	44	11	1	12	23	55	12	34	24
11A. Sole cause	101	..	1	1	2	2	2	..	1	...	3	2	...	2	3	2	...	1	1	6	1	11	1	2
11B. With bronchitis	51	1	1	2	...	2	..	1	1	3	...	2	...	1	1	4	1	..	...	1	1	..	1	..
11C. With pneumonia	478	3	6	12	20	8	5	6	8	16	11	13	4	8	5	20	7	..	4	6	37	..	14	13
11D. With other diseases of the respiratory system	62	..	..	..	...	2	1	..	1	2	1	2	...	4	2	3	...	..	2	1	2	..	2	2
11E. With intestinal complications	36	1	2	..	2	...	1	..	..	1	...	...	...	1	..	1	1	..	1	4	...	..	3	2
11F. With other causes	256	1	4	2	11	3	5	3	..	3	3	3	4	5	3	14	2	..	4	5	14	1	13	5
13. Dysentery	12	..	..	..	1	...	..	..	..	...	1	...	...	..	2	...	...	..	...	...	...	..	...	1
15. Erysipelas	18	..	..	..	...	...	..	1	1	...	...	...	...	..	2	...	...	1	...	2	...	..	...	..
16. Poliomyelitis and polioencephalitis (acute)	29	..	..	..	...	...	1	1	..	...	...	...	...	..	1	2	3	..	...	...	...	..	...	..
17. Lethargic or epidemic encephalitis	2	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	..
18. Epidemic cerebrospinal meningitis	2	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	..
22. Tetanus	1	..	1	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	..
23-32. Tuberculosis	811	1	11	18	13	4	21	4	1	6	3	3	8	13	5	5	3	1	4	8	3	10	1	8
23. Tuberculosis of the respiratory system	743	1	8	17	11	4	18	3	1	5	3	2	5	13	3	5	2	..	4	8	2	10	1	7
24. Tuberculosis of the meninges and central nervous system	30	..	1	..	1	...	2	..	..	...	...	1	2	..	1	...	...	1	...	...	...	..	...	1
25. Tuberculosis of the intestines and peritoneum	12	..	..	1	1	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	..
26. Tuberculosis of the vertebral column	4	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	1	..	...	..
27. Tuberculosis of the bones and joints (vertebral column excepted)	3	..	..	..	...	...	..	..	..	1	...	...	...	..	..	...	...	..	...	...	...	..	...	..
27A. Of bones	2	..	..	..	...	...	..	..	..	1	...	...	...	..	..	...	...	..	...	...	...	..	...	..
27B. Of joints	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	..
28. Tuberculosis of the skin and sub-cutaneous cellular tissue	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	..
29. Tuberculosis of the lymphatic system (bronchial, mesenteric and retroperitoneal glands excepted)	4	..	1	.	...	...	..	..	..	...	...	...	1	..	1	...	...	..	...	...	...	..	...	..
30. Tuberculosis of the genitourinary system	6	..	..	..	...	...	..	1	..	...	...	...	...	..	..	1	...	..	...	...	...	..	...	..
32. Disseminated tuberculosis	8	..	1	..	...	...	1	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	..
32A. Acute	4	..	1	..	...	...	1	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	..
32B. Chronic	2	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	..
32C. Not specified	2	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	..
34. Syphilis	40	..	1	2	4	...	..	..	..	...	...	...	2	..	..	...	...	..	...	...	3	1	1	..
35. Gonococcus infection and other venereal diseases																								
36. Purulent infection, septicaemia (non-puerperal)	20	..	..	..	1	1	..	..	..	...	...	...	...	..	..	4	...	..	1	...	1	1	...	..
39. Other diseases due to protozoal parasites	2	..	..	..	...	...	..	1	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	..
42. Other diseases caused by helminths	1	..	..	..	...	...	..	..	..	...	...	...	...	1	..	...	...	..	...	...	...	..	...	..

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1937

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Timiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	District of Patricia	
289	355	86	257	137	613	265	253	235	274	295	372	231	187	375	167	207	238	123	322	149	568	213	338	116	270	171	280	275	448	471	1,454	21	
21	50	4	29	34	135	78	34	17	22	25	35	28	6	29	7	25	15	20	48	25	78	31	32	14	47	14	37	20	50	108	223	12	
...	...	..	1	..	...	..	1	...	...	...	...	3	..	...	..	1	...	..	1	..	...	..	..	..	1	..	...	...	...	...	...	..	1
...	...	..	..	..	...	..	..	...	...	...	...	..	..	1	..	..	...	..	...	..	...	..	..	..	1	..	...	...	...	...	...	..	2
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	1	..	5
...	...	..	..	..	...	..	..	...	...	...	...	1	..	...	..	..	...	..	...	..	7	..	..	..	..	..	...	...	...	...	...	..	7
1	1	..	..	1	...	..	..	...	...	...	...	..	..	...	..	..	...	..	2	..	...	1	4	..	..	1	...	1	...	...	...	..	8
...	...	..	1	..	2	1	2	...	...	...	2	..	..	...	..	..	...	1	2	1	4	4	6	..	3	..	...	2	2	...	...	..	9
...	...	..	..	..	...	4	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	1	..	..	1	...	1	...	...	...	..	10
9	32	4	13	19	29	11	6	12	16	19	24	17	4	20	6	19	9	10	32	18	46	15	3	4	10	9	6	14	31	10	53	6	11
1	7	..	1	2	...	2	..	...	1	...	...	3	2	3	1	1	...	8	1	1	4	1	..	1	1	..	2	1	4	1	2	6	11A
...	1	..	..	..	...	..	..	2	...	2	...	..	..	2	1	2	...	..	...	3	6	1	..	..	..	2	...	...	...	...	6	..	11B
2	11	3	7	11	23	2	3	4	5	11	13	7	1	5	2	11	4	1	17	10	21	7	2	1	5	2	3	8	14	7	29	..	11C
1	2	..	..	..	3	..	..	1	2	1	1	2	..	4	..	2	1	..	2	..	2	3	..	..	2	1	...	...	2	...	3	..	11D
...	1	..	2	1	...	..	1	...	1	1	1	..	..	1	..	..	...	..	3	..	1	..	..	..	..	..	...	...	2	1	...	..	11E
5	10	1	3	5	3	7	2	5	7	4	9	5	1	5	2	3	4	1	9	4	12	3	1	2	2	4	1	5	9	1	13	..	11F
...	...	..	..	1	...	..	..	...	...	...	...	..	..	1	..	..	1	..	...	1	...	..	..	..	1	..	...	...	1	1	...	..	13
1	...	..	..	..	...	1	1	...	...	...	...	..	..	1	..	..	...	..	1	..	...	..	..	..	..	..	1	...	1	2	2	..	15
...	...	..	..	..	...	2	1	...	1	2	1	2	..	1	..	2	...	..	2	..	2	..	..	..	..	..	...	1	2	...	2	..	16
...	...	..	..	..	...	1	..	...	...	...	...	..	..	...	1	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	17
...	...	..	..	..	...	..	1	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	1	..	..	..	...	...	...	...	...	..	18
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	22
10	14	..	12	12	99	62	17	2	4	4	6	6	2	3	..	3	5	9	7	5	14	10	15	8	30	2	29	1	9	92	159	6	23–32
8	11	..	10	10	98	61	13	2	4	4	4	3	1	2	..	2	5	8	6	4	11	9	12	7	28	1	28	1	8	90	153	6	23
2	1	..	1	1	...	..	2	...	...	...	1	2	1	...	..	..	...	1	...	..	1	..	2	1	2	..	...	...	1	1	...	..	24
...	1	..	..	..	1	1	1	...	...	...	1	..	..	1	..	..	...	..	...	..	...	1	1	..	..	..	1	...	...	...	1	..	25
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	1	..	...	..	..	..	..	..	...	...	...	...	2	..	26
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	1	...	..	..	..	..	..	...	...	...	...	1	..	27
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	1	...	..	..	..	..	..	...	...	...	...	...	..	27A
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	1	..	27B
...	1	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	28
...	...	..	..	1	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	29
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	1	..	..	..	..	1	...	...	...	...	2	..	30
...	...	..	1	..	...	..	1	...	...	...	...	1	..	...	..	1	...	..	...	..	1	..	..	..	..	..	...	...	...	1	...	..	32
...	...	..	..	..	...	..	..	...	...	...	...	1	..	...	..	..	...	..	...	..	1	..	..	..	..	..	...	...	...	...	...	..	32A
...	...	..	..	..	...	1	..	...	...	...	...	..	..	...	..	1	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	32B
...	...	..	1	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	1	...	..	32C
...	3	..	1	1	4	..	..	1	...	...	...	..	..	1	..	..	...	..	...	..	4	..	..	2	..	..	1	...	1	3	4	..	34
...	...	..	1	..	...	..	..	...	1	...	1	..	..	1	..	..	...	..	...	..	1	1	..	..	1	1	...	...	2	...	1	..	36
...	...	..	..	..	...	..	1	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	39
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	42

TABLE 39—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora	Kent	Lambton
43. Mycoses	1	..	..	..	...	...	1	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	..
44. Other infectious or parasitic diseases	8	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	..
44A. Chicken-pox	2	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	..
44C. Others under this title	6	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	..
CLASS II.—CANCER AND OTHER TUMOURS																								
Total	1722	10	14	15	62	31	20	14	16	33	36	36	18	16	16	62	19	10	21	38	80	9	43	57
45–53. Cancer and other malignant tumours	1649	10	13	12	61	30	19	12	16	31	35	31	18	15	15	60	17	10	20	38	74	8	42	54
45. Cancer of the buccal cavity and pharynx	50	..	..	2	1	1	..	..	2	...	...	3	2	1	..	2	...	..	...	2	2	..	...	5
46. Cancer of the digestive tract and peritoneum	908	3	7	4	35	18	10	7	4	14	21	19	7	5	9	35	10	7	12	23	41	2	20	24
46A. Of the oesophagus	26	..	..	..	...	2	..	..	..	2	...	1	...	..	..	1	...	..	1	1	2	..	1	..
46B. Of the stomach and duodenum	385	3	6	3	14	8	5	..	1	2	6	12	4	3	5	14	3	4	1	12	16	2	11	10
46C. Of the rectum	82	..	..	..	4	3	1	1	..	3	3	1	...	..	1	7	1	1	...	1	2	..	1	3
46D. Of the liver and biliary ducts	137	..	1	..	3	1	2	3	..	1	8	2	2	1	..	4	2	..	6	3	9	..	2	2
46E. Of the pancreas	38	..	..	..	1	1	..	..	1	1	...	2	...	..	1	...	...	..	1	...	1	4	...	3
46F. Of the peritoneum	6	..	..	..	...	...	..	..	..	1	...	...	...	..	..	1	...	..	...	...	...	..	...	..
46G. Of other organs	234	..	..	1	13	3	2	3	2	4	4	1	1	1	2	8	4	2	3	6	8	..	5	6
47. Cancer of the respiratory organs	54	..	1	..	2	2	1	..	..	2	1	2	...	..	1	1	1	..	...	...	3	..	2	2
47A. Of the larynx	9	..	..	..	1	...	..	..	..	...	1	...	...	..	..	...	...	..	...	...	...	..	2	..
47B. Of the lung	36	..	1	..	1	1	..	..	..	1	...	2	...	..	..	1	1	..	...	...	2	..	...	2
47C. Of the mediastinum	1	..	..	..	...	...	..	..	..	1	...	...	...	..	..	...	...	..	...	...	...	..	...	..
47D. Of other organs of the respiratory system	8	..	..	..	...	1	1	..	..	...	...	...	...	..	1	...	...	..	...	...	1	..	...	..
48. Cancer of the uterus	112	1	2	3	1	1	3	..	2	2	3	2	2	1	..	3	2	..	1	2	3	2	3	3
48A. Of the uterus	87	..	2	2	1	1	3	..	1	2	2	1	1	1	..	3	1	..	1	1	2	1	3	3
48B. Of the cervix uteri	25	1	..	1	...	...	..	..	1	...	1	1	1	..	..	...	1	..	...	1	1	1	...	..
49. Cancer of other female genital organs	33	1	1	..	...	...	1	..	..	...	2	1	...	..	1	2	1	..	...	2	1	1	...	1
50. Cancer of the breast	161	1	1	..	6	3	1	2	2	3	5	3	3	3	..	6	1	3	2	2	6	1	4	5
51. Cancer of the male genito-urinary organs	152	2	..	3	8	3	3	1	3	7	3	...	3	3	2	5	...	..	2	2	5	..	2	10
51A. Of the bladder	39	1	..	1	1	1	1	..	1	2	...	...	2	..	1	1	...	..	...	...	2	..	...	2
51B. Of the kidney	14	..	..	1	1	...	..	..	..	1	...	...	...	1	..	...	...	..	...	...	...	..	...	1
51C. Of the prostate gland	91	1	..	1	6	2	2	1	2	4	3	...	1	2	1	4	...	..	2	2	3	..	2	6
51D. Of the testicles and annexa	4	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	1
51E. Of other male genito-urinary organs	4	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	..
52. Cancer of the skin	41	..	1	..	2	...	..	..	1	...	...	...	...	..	1	2	...	..	1	1	8	..	1	2
53. Cancer of other or unspecified organs	138	2	..	..	6	2	..	2	2	3	...	1	1	2	1	4	2	..	2	4	5	2	10	2
53A. Of the eye and orbit	5	..	..	..	1	...	..	..	..	...	...	...	1	..	1	...	...	..	...	...	...	..	...	..
53B. Of the circulatory system	1	..	..	..	...	...	..	..	..	1	...	...	...	..	..	...	...	..	...	...	...	..	...	..
53C. Of the glandular system	20	..	..	..	1	...	..	1	..	1	...	...	...	..	..	1	...	..	...	1	2	1	1	..
53D. Of the female urinary organs	25	1	..	..	4	...	..	..	..	...	...	...	...	1	..	2	...	..	...	1	1	..	3	..
53E. Of the bones and joints	21	1	..	..	...	1	..	1	1	...	...	1	...	1	..	1	...	..	...	...	...	..	...	..
53F. Of the brain	23	..	..	..	...	1	..	..	..	...	...	...	...	..	..	...	1	..	1	1	2	..	2	..
53G. Of the spine and spinal cord	2	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	1	..
53H. Of the neck	6	..	..	..	...	...	..	..	1	...	...	...	...	..	..	...	...	..	...	...	...	..	2	..
53I. Of the abdomen	7	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	1	..	1	...	...	..	...	1
53J. Of other specified organs	20	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	1	1
53K. Multiple cancer	5	..	..	..	...	...	..	..	..	1	...	...	...	..	..	...	...	..	...	1	...	..	...	..
53M. Of unspecified or unknown location	3	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	1	...	..
54. Non-malignant tumours	65	..	1	2	1	1	1	1	..	2	1	5	...	1	1	2	2	..	1	...	5	1	1	3
54A. Of the ovary	8	..	..	..	1	...	1	..	..	...	...	...	...	..	..	...	...	..	...	...	2	..	...	1
54B. Of the uterus	12	..	..	..	...	...	..	..	..	1	...	1	...	..	..	1	...	..	...	...	...	..	...	..
54D. Of the brain	15	..	..	1	...	...	..	..	..	...	..	2	...	..	1	1	1	..	...	...	1	..	...	2
54E. Of the thyroid gland	18	..	1	1	...	1	..	1	..	1	...	1	...	..	..	...	...	..	1	...	2	1	...	..
54F. Of the prostate gland	4	..	..	..	...	...	..	..	..	...	...	...	...	1	..	...	...	..	...	...	...	..	1	..
54G. Of other or unspecified sites	8	..	..	..	...	...	..	..	..	...	1	1	...	..	..	...	1	..	...	...	...	..	...	..
55. Tumours, nature not specified	8	..	..	1	...	...	..	1	..	...	...	...	...	..	..	...	...	..	...	...	1	..	...	..
55D. Of the brain	4	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	1	..	...	..
55G. Of other or unspecified sites	4	..	..	1	...	...	..	1	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	..

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1937—Continued

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	District of Patricia	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	43
...	...	...	...	...	1	...	...	2	...	...	...	...	...	...	...	...	...	...	1	...	...	...	2	...	...	...	...	...	1	...	1	...	44
...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	44A
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	2	...	...	...	...	...	1	...	1	...	44C
34	31	12	37	8	68	22	11	19	24	26	45	16	27	39	14	23	22	12	33	13	65	21	21	9	20	26	31	24	61	37	195	...	
34	30	12	36	8	64	22	11	17	24	24	43	16	27	35	14	23	22	11	31	13	64	21	20	9	17	26	30	23	56	37	188	...	45–53
3	...	...	2	...	...	1	...	1	1	...	...	2	1	2	...	2	1	...	...	...	2	...	...	...	2	2	...	1	2	1	1	...	45
20	15	6	23	4	37	11	9	11	17	12	31	4	12	20	7	19	12	9	20	10	35	11	9	6	7	11	21	11	30	19	102	...	46
...	1	...	1	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	2	1	1	...	...	...	2	...	1	1	3	...	46A
7	6	3	8	1	17	1	8	4	6	4	19	2	2	12	2	10	5	7	8	7	18	4	5	6	2	5	10	2	12	5	32	...	46B
1	3	...	2	...	1	3	...	1	2	1	3	1	2	...	1	2	...	...	2	2	...	1	1	...	1	2	2	...	3	3	9	...	46C
7	1	1	5	...	4	2	...	3	3	2	4	...	2	1	2	4	2	1	4	...	5	4	1	...	2	...	4	3	3	...	15	...	46D
...	...	...	...	1	4	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	2	...	...	...	...	1	...	...	2	2	9	...	46E
...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	46F
5	4	2	7	2	10	5	1	3	6	4	4	...	6	5	1	3	4	1	6	1	8	1	1	...	2	3	3	6	9	8	34	...	46G
2	1	...	1	...	5	1	...	...	...	...	...	2	1	1	...	1	1	...	...	...	1	3	2	...	1	1	...	...	1	3	5	...	47
...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	47A
2	1	...	1	...	3	...	...	...	...	...	...	2	1	...	...	...	...	...	...	...	1	2	2	...	...	1	...	...	...	3	5	...	47B
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	47C
...	...	...	...	...	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	47D
...	6	2	1	1	2	1	...	1	1	3	1	3	3	3	...	...	2	1	2	1	8	1	1	1	1	1	...	2	4	3	14	...	48
...	4	2	1	1	2	...	...	...	1	3	1	2	1	2	...	...	1	1	2	1	7	1	...	1	1	1	...	2	3	1	13	...	48A
...	2	...	...	...	...	1	...	1	...	...	...	1	2	1	...	...	1	...	...	...	1	...	1	...	...	...	...	...	1	2	1	...	48B
...	...	...	1	...	4	1	...	...	2	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	1	1	1	1	2	...	2	...	49
1	6	...	3	...	2	1	1	...	1	3	5	3	6	2	3	...	2	...	3	1	8	2	3	...	1	2	2	3	7	2	25	...	50
4	...	3	3	3	4	1	...	2	...	4	3	2	1	3	3	...	...	...	3	...	4	2	3	...	1	2	3	4	6	3	18	...	51
2	...	1	...	...	1	...	...	...	...	...	2	1	...	1	1	...	...	...	1	...	1	...	1	...	...	2	...	2	1	...	6	...	51A
...	...	2	1	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	1	...	51B
2	...	...	2	1	2	1	...	1	...	3	1	1	...	2	1	...	...	...	1	...	3	1	2	...	1	...	3	1	4	3	10	...	51C
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	51D
...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	51E
1	1	...	...	...	4	2	...	...	...	...	...	...	3	...	...	...	...	...	2	...	...	...	1	...	...	2	2	...	...	...	3	...	52
3	1	1	2	...	6	3	1	2	2	2	3	...	...	3	1	1	4	1	1	1	5	2	1	2	3	4	1	1	4	6	18	...	53
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	53A
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	53B
...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1	...	1	...	1	...	1	...	1	1	2	...	53C
1	...	...	1	...	2	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	2	...	...	...	...	...	...	...	2	1	1	...	53D
1	1	...	...	...	1	...	...	1	...	...	2	...	...	1	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2	3	...	53E
1	...	...	...	...	...	1	...	...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	...	...	...	2	5	...	53F
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	53G
...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	53H
...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	53I
...	...	1	1	...	1	...	1	1	...	...	...	...	1	...	...	...	1	1	1	...	...	2	...	...	1	1	...	...	...	...	5	...	53J
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	1	...	53K
...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	53M
...	1	...	1	...	3	...	...	1	...	1	2	...	...	4	...	...	...	...	2	...	1	...	...	...	3	...	1	1	5	...	7	...	54
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	54A
...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	2	...	...	...	2	...	2	...	54B
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	54D
...	...	...	...	...	3	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	54E
...	...	...	...	...	...	...	...	...	...	...	1	...	...	2	...	...	...	...	1	...	1	...	...	...	...	...	1	...	...	...	2	...	54F
...	...	...	1	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	54G
...	...	...	...	...	1	...	...	1	...	1	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	55
...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	55D
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	55G

TABLE 39—CAUSES OF DEATH FOR COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora	Kent	Lambton
CLASS III. — RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS AND OTHER GENERAL DISEASES																								
Total	456	1	7	7	10	3	11	5	7	7	10	9	3	8	4	16	12	3	3	4	25	4	10	13
56. Acute rheumatic fever	68	..	1	..	1	...	6	..	..	2	2	...	1	..	3	1	...	..	...	1	2	1	...	2
57. Chronic rheumatism, osteo-arthritis	21	..	..	1	2	1	..	..	..	...	1	...	...	..	..	...	1	..	...	...	5	..	...	...
59. Diabetes mellitus	228	..	4	6	3	2	..	3	6	3	6	4	1	6	1	7	5	2	2	2	11	..	8	8
63. Rickets	4	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
65. Diseases of the pituitary gland	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
66. Diseases of the thyroid and parathyroid glands	88	1	1	..	2	...	1	2	1	1	...	4	1	1	..	5	3	1	1	1	5	1	2	3
66A. Simple goitre	17	..	1	..	...	...	1	..	..	...	...	2	...	1	..	...	1	..	...	...	...	..	...	1
66B. Exophthalmic goitre	63	1	..	..	2	...	..	1	1	...	...	2	1	..	..	5	2	1	1	1	5	1	2	2
66C. Myxoedema, cretinism	3	..	..	..	...	...	..	..	..	1	...	...	...	..	..	...	...	..	...	...	...	..	...	...
66D. Tetany	4	..	..	..	...	...	..	1	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
66E. Others under this title	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
67. Diseases of the thymus gland	25	..	1	..	1	...	2	..	..	1	...	...	...	..	..	2	2	..	...	...	...	2	...	...
68. Diseases of the adrenals (Addison's disease)	3	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
69. Other general diseases	18	..	..	..	1	...	2	..	..	...	1	1	...	1	..	1	1	..	...	...	1	..	...	...
69A. Fatty or amyloid degeneration	11	..	..	..	...	...	2	..	..	...	1	1	...	..	..	1	1	..	...	...	...	..	...	...
69C. Others under this title	7	..	..	..	1	...	..	..	..	...	...	...	...	1	..	...	...	..	...	...	1	..	...	...
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS																								
Total	216	2	2	7	16	3	5	3	8	4	6	5	5	2	4	6	2	..	...	3	12	..	4	3
70. Haemorrhagic conditions	6	1	..	..	1	...	1	1	..	1	...	...	...	..	..	...	...	..	...	...	...	..	...	...
70A. Simple purpura	5	1	..	..	...	...	1	1	..	1	...	...	...	..	..	...	...	..	...	...	...	..	...	...
70B. Haemophilia	1	..	..	..	1	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
71. Anaemia	152	..	2	6	12	1	3	1	7	3	4	3	2	2	4	5	1	..	...	3	6	..	2	3
71A. Pernicious anaemia	140	..	2	6	12	1	3	1	7	2	3	3	2	1	4	5	1	..	...	3	6	..	2	3
71B. Others under this title	12	..	..	..	...	...	..	..	..	1	1	...	...	1	..	...	...	..	...	...	...	..	...	...
72. Leukaemia and aleukaemia	51	1	..	1	3	2	1	1	1	...	1	1	2	..	..	1	1	..	...	...	5	..	2	...
72A. Leukaemia	37	1	..	1	1	1	..	1	..	...	1	1	2	..	..	1	1	..	...	...	4	..	2	...
72B. Aleukaemia (Hodgkin's disease)	14	..	..	..	2	1	1	..	1	...	...	...	...	..	..	...	...	..	...	...	1	..	...	...
73. Diseases of the spleen	6	..	..	..	...	...	..	..	..	...	1	1	...	..	..	...	...	..	...	...	1	..	...	...
74. Other diseases of the blood forming organs	1	..	..	..	...	...	..	..	..	...	...	...	1	..	..	...	...	..	...	...	...	..	...	...
CLASS V.—CHRONIC POISONINGS AND INTOXICATIONS																								
Total	20	..	..	..	...	...	1	..	..	...	...	...	...	1	..	...	...	..	1	...	2	..	1	...
75. Alcoholism	18	..	..	..	...	...	1	..	..	...	...	...	...	1	..	...	...	..	...	...	2	..	1	...
75A. Delirium tremens	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
75B. Other alcoholic intoxications	17	..	..	..	...	...	1	..	..	...	...	...	...	1	..	...	...	..	...	...	2	..	1	...
77. Chronic poisoning by mineral substances	2	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	1	...	...	..	...	...
77A. Lead (including occupational)	2	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	1	...	...	..	...	...
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE																								
Total	758	1	9	7	27	11	7	7	10	10	16	18	20	11	16	29	8	5	8	15	19	5	11	28
78. Encephalitis (non-epidemic)	9	..	..	..	...	...	..	..	..	...	...	1	1	..	..	...	...	..	...	...	...	..	...	1
79. Simple meningitis	11	..	..	..	1	...	1	..	..	...	...	...	...	..	..	1	...	..	...	...	...	..	...	...

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1937—Continued

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	District of Patricia	
8	8	4	11	1	16	5	6	5	7	8	4	8	8	10	4	6	6	3	9	1	13	9	9	3	9	4	18	9	13	6	43	..	
1	2	1	1	..	3	..	1	...	2	...	...	..	..	2	..	1	2	..	3	..	2	3	2	..	1	1	1	3	4	...	9	..	56
...	1	..	..	1	1	..	..	...	1	...	...	..	1	...	..	..	...	..	...	..	...	..	..	..	1	..	1	...	...	...	3	..	57
3	2	2	8	..	9	3	5	2	2	5	3	7	3	6	3	3	3	2	4	1	6	4	4	1	5	2	8	2	6	4	20	..	59
...	...	..	..	..	...	1	..	...	...	...	...	..	..	...	..	..	...	..	...	..	2	..	1	..	..	..	...	...	...	...	...	..	63
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	1	...	..	65
2	3	1	2	..	1	1	..	2	1	3	...	1	2	2	..	..	1	..	2	..	3	2	1	1	..	1	5	4	3	1	6	..	66
...	1	..	..	..	...	..	..	...	...	1	...	..	..	...	..	..	1	..	1	..	...	..	..	..	..	..	2	2	...	1	1	..	66A
1	2	1	2	..	...	1	..	2	1	2	...	1	2	2	..	..	...	..	1	..	3	2	1	..	..	1	2	2	2	...	4	..	66B
...	...	..	..	..	1	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	1	..	66C
1	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	1	..	..	...	...	1	...	...	..	66D
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	1	...	...	...	...	..	66E
...	...	..	..	..	...	..	..	1	1	...	1	..	2	...	1	..	...	..	...	..	...	..	1	..	2	..	2	...	...	...	3	..	67
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	1	...	...	...	1	..	68
2	...	..	..	..	2	..	..	...	...	...	...	..	..	...	..	2	...	1	...	..	...	..	..	1	..	..	...	...	...	...	1	..	69
1	...	..	..	..	2	..	..	...	...	...	...	..	..	...	..	1	...	..	...	..	...	..	..	1	..	..	...	...	...	...	...	..	69A
1	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	1	...	1	...	..	...	..	..	..	..	..	...	...	...	...	1	..	69C
4	3	6	2	2	8	3	..	3	3	3	8	..	3	6	3	1	2	1	1	..	10	2	2	1	2	3	3	...	3	4	22	..	
...	...	..	..	..	...	..	..	...	...	...	1	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	70
...	...	..	..	..	...	..	..	...	...	...	1	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	70A
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	70B
3	3	2	..	1	6	3	..	2	3	3	5	..	3	3	1	1	1	..	1	..	10	1	2	1	1	2	2	...	3	4	15	..	71
3	2	2	..	1	4	3	..	2	3	2	5	..	2	3	..	1	...	..	1	..	10	1	2	1	..	2	2	...	3	4	14	..	71A
...	1	..	..	..	2	..	..	...	...	1	...	..	1	...	1	..	1	..	...	..	...	..	..	..	1	..	...	...	...	...	1	..	71B
1	...	4	2	1	2	..	..	1	...	...	2	..	..	3	2	..	1	1	...	..	...	1	..	..	1	1	1	...	...	...	4	..	72
1	...	1	2	1	2	..	..	1	...	...	1	..	..	1	2	..	...	1	...	..	...	1	..	..	1	1	1	...	...	...	3	..	72A
...	...	3	..	..	...	..	..	...	...	...	1	..	..	2	..	..	1	..	...	..	...	..	..	..	..	..	...	...	...	...	1	..	72B
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	3	..	73
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	74
1	...	..	1	..	...	..	..	...	...	2	...	..	1	...	..	..	...	..	...	..	...	..	..	2	1	..	..	1	2	...	3	..	
1	...	..	1	..	...	..	..	...	...	2	...	..	1	...	..	..	...	..	...	..	...	..	..	2	1	..	...	1	1	...	3	..	75
...	...	..	..	..	...	..	..	...	...	...	...	..	1	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	75A
1	...	..	1	..	...	..	..	...	...	2	...	..	..	...	..	..	...	..	...	..	...	..	..	2	1	..	...	1	1	...	3	..	75B
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	1	...	...	..	77
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	1	...	...	..	77A
11	23	1	12	5	21	2	7	8	14	16	10	10	8	14	7	10	9	10	7	10	38	9	15	3	16	8	6	8	22	58	62	..	
...	...	..	..	..	1	..	..	...	...	...	...	1	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	2	...	...	2	..	78
...	...	..	1	..	...	..	..	1	...	...	...	..	..	1	..	3	...	..	1	..	...	..	1	..	..	..	...	...	...	...	...	..	79

TABLE 39—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora	Kent	Lambton
80. Progressive locomotor ataxia (tabes dorsalis)	12	..	1	1	...	...	..	..	..	1	...	1	...	1	..	...	...	..	...	...	...	..	...	...
81. Other diseases of the spinal cord	45	..	2	2	1	1	..	..	..	3	...	...	2	..	1	1	...	..	...	1	1	1	...	2
82. Cerebral haemorrhage, cerebral embolism and thrombosis	387	..	3	3	18	5	1	4	7	3	14	13	3	6	11	14	4	4	3	8	10	3	7	16
82A. Cerebral haemorrhage	310	..	3	3	14	3	..	3	6	2	10	7	2	6	9	14	4	4	3	8	9	3	6	14
82B. Cerebral embolism and thrombosis	33	.	..	..	1	1	..	1	..	...	4	...	1	..	2	...	...	..	...	...	1	..	...	2
82C. Softening of the brain	5	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
82D. Hemiplegia and other paralysis, cause not specified	39	..	..	..	3	1	1	..	1	1	...	6	...	..	..	...	...	..	...	...	...	..	1	...
83. General paralysis of the insane	30	1	..	..	1	...	..	..	..	...	...	1	1	..	..	...	...	..	...	1	...	..	...	...
84. Dementia praecox and other psychoses	65	..	..	..	...	...	1	..	..	...	...	...	9	..	..	2	...	..	1	2	2	..	...	1
84A. Dementia praecox	47	..	..	..	...	...	..	..	..	...	...	...	8	..	..	1	...	..	...	...	1	..	...	1
84B. Other psychoses	18	..	..	..	...	...	1	..	..	...	...	...	1	..	..	1	...	..	1	2	1	..	...	...
85. Epilepsy	50	..	1	..	2	3	..	2	..	...	...	...	1	..	1	3	2	1	1	...	...	..	...	...
86. Convulsions (under 5 years of age)	15	..	..	..	...	...	2	..	..	...	...	...	...	..	..	...	...	..	...	1	...	..	...	...
87. Other diseases of the nervous system	110	..	2	1	3	2	..	1	2	3	2	2	2	3	3	8	2	..	3	1	4	..	4	6
87B. Neuralgia and neuritis	7	..	..	..	...	...	..	..	..	...	...	1	1	1	..	...	...	..	...	...	...	..	...	1
87C. Paralysis agitans	48	..	1	1	2	1	..	1	1	3	1	...	...	1	1	3	...	..	1	...	2	..	...	3
87D. Schlerosis (other than of the spinal cord)	28	..	..	..	...	1	..	..	1	...	...	1	1	..	2	2	1	..	1	1	1	..	3	2
87E. Others under this title	27	..	1	..	1	...	..	..	..	...	1	...	...	1	..	3	1	..	1	...	1	..	1	...
88. Diseases of the organs of vision	3	..	..	..	...	...	..	..	..	...	...	...	1	..	..	...	...	..	...	...	...	..	...	1
89. Diseases of the ear and mastoid process	21	..	..	..	1	...	2	..	1	...	...	...	...	1	..	...	...	..	...	1	2	1	...	1
89A. Otitis	14	..	..	..	1	...	2	..	..	...	...	...	...	1	..	...	...	..	...	...	1	1	...	1
89B. Diseases of the mastoid process	6	..	..	..	...	...	..	..	1	...	...	...	...	..	..	...	...	..	...	1	1	..	...	...
89C. Others under this title	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM																								
Total	5593	23	59	87	181	131	52	63	65	116	114	112	106	71	63	188	106	16	102	134	219	34	161	142
90–95. Diseases of the heart	3319	17	38	63	102	81	38	39	41	56	76	55	63	43	31	112	59	7	69	89	115	24	97	87
90. Pericarditis	3	..	..	..	...	1	..	..	1	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
91. Acute endocarditis	19	..	..	2	2	...	..	..	..	...	...	...	...	..	..	2	...	..	1	...	1	..	...	...
91A. Endocarditis specified as acute	14	..	..	1	1	...	..	..	..	...	...	...	...	..	..	...	...	..	1	...	1	..	...	...
91B. Endocarditis unspecified (under 45 years of age)	5	..	..	1	1	...	..	..	..	...	...	...	...	..	..	2	...	..	...	...	...	..	...	...
92. Chronic endocarditis, valvular diseases	560	2	19	11	22	11	9	9	8	7	12	5	8	14	5	21	8	..	12	10	13	10	9	18
92A. Endocarditis specified as chronic and other valvular diseases	467	2	19	10	19	8	7	8	7	6	8	4	8	11	3	19	6	..	8	10	12	10	4	14
92B. Endocarditis, unspecified (45 years and over)	93	..	..	1	3	3	2	1	1	1	4	1	...	3	2	2	2	..	4	...	1	..	5	4
93. Diseases of the myocardium	1092	6	7	21	38	36	10	13	15	16	20	21	25	16	6	41	15	4	22	33	37	5	38	28
93A. Acute myocarditis	41	..	..	2	...	4	..	..	5	...	1	1	...	1	..	...	1	..	...	1	...	1	3	1
93B. Myocarditis, unspecified (under 45 years of age)	15	..	..	..	...	1	..	..	1	...	...	...	...	..	..	1	...	..	...	...	...	..	...	...
93C. Chronic myocarditis and myocardial degeneration	647	4	3	15	23	17	5	11	2	13	10	9	19	9	5	24	7	4	17	18	26	1	22	21
93D. Myocarditis, unspecified (45 years and over)	389	2	4	4	15	14	5	2	7	3	9	11	6	6	1	16	7	..	5	14	11	3	13	6
94. Diseases of the coronary arteries and angina pectoris	1475	9	12	24	36	32	14	17	11	31	42	27	27	6	20	44	35	3	34	39	53	9	45	41
94A. Diseases of the coronary arteries	45	..	..	..	...	...	..	1	..	...	2	...	2	..	..	3	1	..	1	...	...	..	1	1
94B. Embolism and thrombosis of the coronary arteries	1180	6	8	21	31	25	10	14	8	27	34	19	21	1	16	37	25	2	28	31	47	7	29	35
94C. Angina pectoris	250	3	4	3	5	7	4	2	3	4	6	8	4	5	4	4	9	1	5	8	6	2	15	5
95. Other diseases of the heart	170	..	..	5	4	1	5	..	6	2	2	2	3	7	..	4	1	..	...	7	11	..	5	...
95A. Functional diseases of the heart	18	..	..	..	...	...	..	..	..	...	1	1	...	2	..	...	...	..	...	1	1	..	2	...
95B. Other and unspecified	152	..	..	5	4	1	5	..	6	2	1	1	3	5	..	4	1	..	...	6	10	..	3	...
96. Aneurysm (except of the heart)	17	..	..	2	...	...	..	1	..	...	...	...	1	..	..	...	1	..	1	...	2	..	...	1

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1937—Continued

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	District of Patricia	
1	1	..	..	..	1	..	..	...	...	...	...	..	..	...	..	1	...	..	...	1	...	..	1	..	..	..	...	...	...	1	...	..	80
1	...	..	..	..	2	..	1	1	1	...	1	..	..	2	..	1	...	2	...	..	4	..	1	..	..	..	...	2	1	2	5	..	81
6	9	1	6	4	7	2	4	4	9	9	4	6	4	8	6	4	9	5	4	7	16	8	6	1	12	5	2	3	17	7	32	..	82
4	7	1	5	3	6	1	3	4	9	8	4	5	3	4	5	2	7	4	2	4	15	8	4	1	10	2	1	2	13	7	23	..	82A
1	1	..	..	..	...	1	..	...	...	1	...	..	..	1	1	..	1	1	2	..	...	..	1	..	..	2	...	...	1	...	6	..	82B
1	...	..	..	..	...	..	..	...	...	...	...	..	..	2	..	1	...	..	...	..	...	..	..	..	..	..	...	...	...	...	1	..	82C
...	1	..	1	1	1	..	1	...	...	...	...	1	1	1	..	1	1	..	...	3	1	..	1	..	2	1	1	1	3	...	2	..	82D
...	5	..	..	..	2	..	1	...	1	...	...	..	..	...	..	..	...	..	...	..	...	1	..	..	..	..	...	...	...	14	1	..	83
...	4	..	..	..	2	..	..	...	...	...	...	1	..	...	..	..	...	..	...	..	2	..	..	..	1	..	...	...	...	31	6	..	84
...	3	..	..	..	2	..	..	...	...	...	...	1	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	28	2	..	84A
...	1	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	2	..	..	..	1	..	...	...	...	3	4	..	84B
2	1	..	1	..	...	..	..	...	1	...	2	..	3	...	1	..	...	..	2	2	9	..	1	..	1	1	1	...	2	2	1	..	85
...	1	..	..	..	...	..	1	...	1	...	...	1	..	...	..	1	...	..	...	..	1	..	1	..	1	..	1	...	...	1	2	..	86
1	2	..	4	1	6	..	..	2	...	6	3	..	1	3	..	..	...	3	...	..	3	..	2	..	1	2	2	1	2	...	11	..	87
...	...	..	..	..	...	..	..	...	...	2	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	1	..	87B
1	1	..	2	1	4	..	..	1	...	1	...	..	1	3	..	..	...	2	...	..	...	..	..	..	..	1	...	1	1	...	6	..	87C
...	...	..	1	..	1	..	..	1	...	1	3	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	1	...	1	...	2	..	87D
...	1	..	1	..	1	..	..	...	...	2	...	..	..	...	..	..	...	1	...	..	3	..	2	..	1	1	1	...	...	...	2	..	87E
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	1	..	88
...	...	..	..	..	...	..	..	...	1	1	...	1	..	...	..	..	...	..	...	..	3	..	2	2	..	..	...	...	...	...	1	..	89
...	...	..	..	..	...	..	..	...	1	1	...	1	..	...	..	..	...	..	...	..	2	..	2	..	..	..	...	...	...	...	...	..	89A
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	1	..	..	1	..	..	...	...	...	...	1	..	89B
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	1	..	..	...	...	...	...	...	..	89C
113	143	34	78	41	185	78	55	109	129	122	141	71	68	135	70	49	88	16	109	26	174	61	58	32	46	71	104	112	132	128	470	..	
53	73	18	40	28	105	48	29	57	76	75	86	44	44	71	42	22	51	11	72	11	109	45	41	28	33	40	57	63	72	70	303	..	90–95
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	1	...	...	..	90
1	...	..	..	2	1	..	1	...	...	...	...	..	..	...	..	..	...	..	...	..	2	..	1	..	1	..	...	...	...	1	1	..	91
1	...	..	..	2	1	..	1	...	...	...	...	..	..	...	..	..	...	..	...	..	1	..	1	..	1	..	...	...	...	1	1	..	91A
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	1	..	..	..	..	..	...	...	...	...	...	..	91B
2	15	3	6	4	14	3	9	5	5	17	18	4	12	8	6	3	12	5	23	2	15	8	7	2	4	11	11	14	18	4	47	..	92
2	13	2	2	4	10	3	4	3	4	16	14	3	12	4	6	1	10	5	21	2	14	8	6	2	3	10	4	12	16	4	44	..	92A
...	2	1	4	..	4	..	5	2	1	1	4	1	..	4	..	2	2	..	2	..	1	..	1	..	1	1	7	2	2	...	3	..	92B
24	26	6	15	10	29	17	6	16	31	12	33	20	8	34	20	12	13	3	33	5	35	27	7	5	15	6	15	19	21	27	69	..	93
...	...	..	..	..	...	..	..	...	...	...	...	..	..	1	1	1	1	..	...	..	1	2	1	..	1	..	1	...	1	2	7	..	93A
...	...	..	..	..	...	..	..	...	...	...	...	..	..	2	..	1	...	1	...	..	2	1	..	..	1	..	...	2	...	...	2	..	93B
12	25	6	7	6	11	17	5	8	25	9	11	13	4	21	11	7	9	..	16	2	24	5	4	5	9	3	6	9	13	16	43	..	93C
12	1	..	8	4	18	..	1	8	6	3	22	7	4	10	8	3	3	2	17	3	8	19	2	..	4	3	8	8	7	9	17	..	93D
23	22	8	18	7	57	25	7	35	36	40	34	15	23	27	13	1	24	3	16	4	54	7	20	21	11	21	29	26	28	34	175	..	94
...	...	..	..	1	...	..	..	2	2	...	3	1	..	...	..	..	1	1	...	..	1	..	2	8	..	..	...	1	3	1	6	..	94A
19	19	7	14	3	42	20	5	27	23	37	21	11	23	27	10	1	21	1	11	1	48	2	17	12	10	14	26	22	22	29	153	..	94B
4	3	1	4	3	15	5	2	6	11	3	10	3	..	...	3	..	2	1	5	3	5	5	1	1	1	7	3	3	3	4	16	..	94C
3	10	1	1	5	4	3	6	1	4	6	1	5	1	2	3	6	2	..	...	..	3	3	6	..	2	2	2	4	4	4	11	..	95
...	...	..	..	1	...	..	..	1	1	1	...	..	1	1	1	..	...	..	...	..	...	..	1	..	..	..	...	...	1	...	1	..	95A
3	10	1	1	4	4	3	6	...	3	5	1	5	..	1	2	6	2	..	...	..	3	3	5	..	2	2	2	4	3	4	10	..	95B
...	...	..	..	..	...	..	1	...	...	...	...	..	..	1	..	1	...	..	...	..	...	..	1	..	..	..	...	2	...	1	1	..	96

TABLE 39—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora	Kent	Lambton
97. Arteriosclerosis (of coronary arteries excepted)	1867	6	15	17	62	42	12	22	20	55	31	49	36	22	29	65	36	2	24	35	73	8	47	45
98. Gangrene	53	..	1	..	3	2	1	..	1	1	1	1	2	..	1	...	2	..	...	1	2	..	3	...
99. Other diseases of the arteries	13	..	..	..	...	1	..	1	..	...	...	...	...	..	..	1	...	..	...	...	5	..	...	...
100. Diseases of the veins (varices, haemorrhoids, phlebitis, etc.)	26	..	..	..	1	1	..	..	..	...	2	...	...	..	..	2	...	1	3	...	1	..	1	1
101. Diseases of the lymphatic system (lymphangitis, etc.)	2	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
102. Idiopathic abnormalities of blood pressure	296	..	5	5	13	4	1	..	3	4	4	7	4	6	2	8	8	6	5	9	21	2	13	8
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM																								
Total	1289	6	16	16	43	26	36	13	20	23	16	21	16	22	22	46	12	4	14	39	40	15	19	20
104. Diseases of the nasal fossae and annexa	12	1	..	..	...	...	..	1	2	...	...	...	...	..	..	...	1	..	2	1	...	..	1	...
105. Diseases of the larnyx	10	..	..	..	...	...	1	..	..	...	...	...	...	1	..	...	...	..	...	1	...	..	...	1
105A. Croup	3	..	..	..	...	...	..	..	..	...	...	...	...	1	..	...	...	..	...	1	...	..	...	...
105B. Other diseases of the larynx	7	..	..	..	...	...	1	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	1
106. Bronchitis	40	1	..	..	4	...	..	..	..	...	1	1	...	3	1	...	...	..	...	...	...	1	1	2
106A. Acute	12	..	..	..	2	...	..	..	..	...	...	1	...	1	1	...	...	..	...	...	...	..	...	1
106B. Chronic	22	1	..	..	2	...	..	..	..	...	1	...	...	2	..	...	...	..	...	...	...	1	...	1
106C. Unspecified	6	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	1	...
107. Bronchopneumonia	497	1	11	6	16	10	16	5	3	10	3	5	7	3	10	21	4	4	6	14	21	6	12	9
107A. Bronchopneumonia	496	1	11	6	16	10	16	5	3	10	3	5	7	3	10	21	4	4	6	14	21	6	12	9
107B. Capillary bronchitis	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
108. Lobar pneumonia	384	2	3	7	13	8	11	6	5	12	3	10	3	2	4	15	4	..	1	13	14	1	3	6
109. Pneumonia, unspecified	183	1	2	..	6	4	6	..	8	1	5	2	4	6	4	4	2	..	1	7	2	7	...	...
110. Pleurisy	23	..	..	..	1	...	..	..	..	...	...	1	...	1	1	...	...	..	...	...	2	..	...	...
111. Congestion and haemorrhagic infarct of the lung, etc	39	..	..	..	2	1	..	..	..	...	...	1	1	..	..	2	1	..	...	1	...	..	...	2
111A. Pulmonary embolism and thrombosis	3	..	..	..	...	1	..	1	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
111B. Others under this title	36	..	..	..	2	...	..	..	..	...	...	1	1	..	..	2	1	..	...	1	...	..	...	2
112. Asthma	84	..	..	3	...	2	1	..	2	...	4	1	...	6	2	4	...	..	2	2	1	..	2	...
113. Pulmonary emphysema	2	..	..	..	1	...	1	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
114. Other diseases of the respiratory system (tuberculosis excepted)	15	..	..	..	...	1	..	..	..	...	...	...	1	..	..	...	...	..	2	...	...	..	...	...
114A. Chronic interstitial pneumonia including occupational diseases of the respiratory system	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	1	...	...	..	...	...
114C. Others under this title	14	..	..	..	...	1	..	..	..	...	...	...	1	..	..	...	...	..	1	...	...	..	...	...
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM																								
Total	786	4	24	6	26	12	30	12	6	15	9	6	15	11	7	28	7	3	5	16	27	11	15	21
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations)	62	1	..	..	1	1	3	..	1	...	2	...	3	..	..	2	2	..	...	...	3	3	4	2
115A. Diseases of the buccal cavity and annexa	22	..	..	..	1	1	..	..	1	...	1	...	1	..	..	2	1	..	...	...	3	..	1	...
115B. Diseases of the tonsils	23	..	..	..	...	...	1	..	..	...	...	...	1	..	..	...	...	..	...	...	...	1	2	2
115C. Others under this title	17	1	..	..	...	...	2	..	..	...	1	...	1	..	..	...	1	..	...	...	...	2	1	...
117. Ulcer of the stomach or duodenum	82	1	3	..	6	...	1	1	1	2	...	1	1	1	1	4	1	2	...	2	5	3	2	1
117A. Ulcer of the stomach	47	1	2	..	3	...	1	1	1	1	...	1	...	1	1	4	1	..	...	1	4	..	2	1
117B. Ulcer of the duodenum	35	..	1	..	3	...	..	..	..	1	...	...	1	..	..	...	...	2	...	1	1	3	...	...
118. Other diseases of the stomach	31	..	3	..	...	...	..	..	..	...	1	1	...	1	..	1	...	..	...	2	...	1	...	2
119. Diarrhoea and enteritis (under 2 years of age)	162	1	6	..	4	6	18	2	1	...	2	1	2	5	3	2	...	1	2	4	2	..	...	6
120. Diarrhoea and enteritis (2 years and over)	79	..	1	2	3	2	3	..	2	2	1	2	1	1	..	4	3	..	...	...	...	..	...	3
120A. Diarrhoea and enteritis	67	..	1	1	3	2	3	..	1	2	1	1	1	1	..	3	3	..	...	...	...	..	...	3

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1937—Continued

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Timiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	District of Patricia	
53	64	15	33	9	67	24	24	40	44	42	51	17	23	51	24	18	33	4	32	12	55	9	12	4	6	28	39	37	54	53	137	..	97
...	2	1	1	1	6	1	..	...	1	...	1	2	..	2	..	1	1	..	1	1	2	..	..	..	1	..	1	1	1	1	2	..	98
...	1	..	..	..	...	..	..	...	...	...	...	..	..	1	..	1	...	..	...	..	...	1	..	..	..	..	...	...	1	...	...	..	99
...	...	..	..	..	1	1	..	3	...	...	...	..	..	1	..	..	1	..	...	..	...	2	1	..	1	..	1	...	...	1	...	..	100
...	...	..	..	..	...	..	..	...	...	...	...	..	..	1	..	1	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	101
7	3	..	4	3	6	4	1	9	8	5	3	8	1	7	4	5	2	1	4	2	8	4	3	..	5	3	6	9	4	2	27	..	102
21	29	4	9	9	60	23	28	13	19	14	27	14	17	37	11	11	22	9	27	17	46	23	28	4	27	14	20	22	42	45	91	1	
...	...	..	..	..	...	..	..	...	...	...	...	1	..	...	..	..	...	..	...	..	...	..	1	..	..	..	...	...	1	...	...	..	104
...	...	..	..	..	1	..	..	...	...	...	...	..	..	...	..	..	...	..	...	2	1	..	..	..	1	..	...	...	1	...	...	..	105
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	1	...	..	..	..	..	..	...	...	...	...	...	..	105A
...	...	..	..	..	1	..	..	...	...	...	...	..	..	...	..	..	...	..	...	1	1	..	..	..	1	..	...	...	1	...	...	..	105B
...	...	1	..	..	1	1	..	1	2	...	2	..	1	1	1	..	4	..	1	1	1	1	1	..	..	..	1	...	...	...	4	..	106
...	...	..	..	..	...	1	..	...	1	...	...	..	..	...	..	..	...	..	...	..	...	1	..	..	..	..	1	...	...	...	2	..	106A
...	...	1	..	..	1	..	..	1	1	...	1	..	..	...	..	..	4	..	...	1	1	..	1	..	..	..	...	...	...	...	2	..	106B
...	...	..	..	..	...	..	..	...	...	...	1	..	1	1	1	..	...	..	1	..	...	..	..	..	..	..	...	...	...	...	...	..	106C
8	12	1	1	4	25	12	17	5	8	5	12	8	8	10	5	2	9	1	11	2	21	7	11	2	7	4	7	8	10	22	28	1	107
8	12	1	1	4	25	12	16	5	8	5	12	8	8	10	5	2	9	1	11	2	21	7	11	2	7	4	7	8	10	22	28	1	107A
...	...	..	..	..	...	..	1	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	107B
6	10	1	4	3	17	6	8	3	6	5	11	2	2	17	2	4	6	1	6	8	14	9	8	1	9	7	6	12	6	14	24	..	108
4	4	1	2	2	8	2	2	3	1	3	...	2	4	5	1	1	2	5	6	4	3	2	4	1	5	..	4	1	8	3	18	..	109
3	...	..	..	..	...	..	1	...	...	...	...	..	..	1	..	1	...	..	...	..	1	..	..	..	1	1	1	...	4	...	3	..	110
...	3	..	..	..	1	..	..	...	1	...	1	1	1	2	..	..	...	1	2	..	2	1	..	..	..	2	...	1	2	2	4	..	111
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	1	..	..	..	..	...	...	...	...	...	..	111A
...	3	..	..	..	1	..	..	...	1	...	1	1	1	2	..	..	...	1	2	..	2	..	..	..	..	2	...	1	2	2	4	..	111B
...	...	..	2	..	4	2	..	1	1	1	1	..	1	1	2	2	1	..	1	..	2	2	2	..	4	..	1	...	9	3	9	..	112
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	113
...	...	..	..	..	3	..	..	...	...	...	...	..	..	...	..	1	...	1	...	..	1	1	1	..	..	..	...	...	1	1	1	..	114
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	114A
...	...	..	..	..	3	..	..	...	...	...	...	..	..	...	..	1	...	1	...	..	1	1	1	..	..	..	...	...	1	1	1	..	114C
14	10	1	9	6	12	7	26	9	8	16	20	12	6	15	8	27	11	9	15	19	23	11	22	..	19	4	8	6	29	9	78	1	
2	1	..	1	..	1	1	..	...	1	2	...	..	1	...	..	..	2	..	2	..	2	..	2	..	..	1	...	...	5	1	9	..	115
1	...	..	..	..	...	..	..	...	...	1	...	..	1	...	..	..	...	..	...	..	2	..	..	..	..	..	...	...	3	1	1	..	115A
...	...	..	..	..	1	1	..	...	1	1	...	..	..	...	..	..	2	..	1	..	...	..	1	..	..	1	...	...	1	...	6	..	115B
1	1	..	1	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	1	..	...	..	1	..	..	..	...	...	1	...	2	..	115C
...	...	..	2	1	1	1	..	1	1	...	1	2	..	3	1	1	2	3	...	..	6	..	2	..	2	..	...	...	3	1	9	..	117
...	...	..	..	1	1	..	..	1	...	...	...	1	..	2	1	1	1	1	...	3	...	2	..	..	..	..	...	2	1	3	...	..	117A
...	...	..	2	..	...	1	..	...	1	...	1	1	..	1	..	..	1	2	...	..	3	..	..	..	2	..	...	...	1	...	6	..	117B
...	...	..	..	..	...	1	1	...	1	2	...	..	..	...	4	4	...	..	2	..	...	..	..	..	..	..	...	...	1	...	3	..	118
...	1	..	..	2	2	1	15	2	1	2	4	1	..	1	..	13	2	1	5	8	3	5	12	..	7	..	1	3	...	...	2	..	119
2	1	..	1	1	1	1	5	1	1	...	3	..	..	4	..	..	2	1	2	2	7	1	1	..	..	2	1	...	2	1	6	..	120
1	1	..	..	1	...	..	5	1	1	...	3	..	..	4	..	..	2	1	2	2	5	1	1	..	..	2	1	...	1	1	5	..	120A

TABLE 39—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora	Kent	Lambton
120B. Ulceration of the intestines	12	..	..	1	...	...	..	..	1	...	...	1	...	..	..	1	...	..	...	...	...	..	...	...
121. Appendicitis	75	..	2	..	5	1	4	3	..	2	...	...	2	..	1	4	...	..	...	...	1	1	1	1
122. Hernia, intestinal obstruction	107	..	6	..	2	1	..	5	1	5	1	...	3	1	..	3	...	..	...	1	6	2	4	2
122A. Hernia	46	..	1	..	1	...	..	1	..	2	1	...	2	1	..	1	...	..	...	...	4	..	...	1
122B. Intestinal obstruction	61	..	5	..	1	1	..	4	1	3	...	...	1	..	..	2	...	..	...	1	2	2	4	1
123. Other diseases of the intestines	18	..	..	..	1	...	..	..	..	...	...	...	...	..	..	1	...	..	...	1	1	..	2	...
124. Cirrhosis of the liver	50	1	1	1	2	...	..	..	..	...	1	...	...	..	..	1	...	..	...	...	3	..	1	1
124A. Specified as alcoholic	1	..	..	..	...	...	..	..	..	...	1	...	...	..	..	...	...	..	...	...	...	..	...	...
124B. Not specified as alcoholic	49	1	1	1	2	...	..	..	..	...	...	...	...	..	..	1	...	..	...	...	3	..	1	1
125. Other diseases of the liver	20	..	..	..	...	...	..	..	..	2	...	...	2	..	..	1	1	..	...	...	...	..	...	...
125A. Yellow atrophy of the liver	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
125B. Others under this title	19	..	..	..	...	...	..	..	..	2	...	...	2	..	..	1	1	..	...	...	...	..	...	...
126. Biliary calculi	35	..	1	..	1	...	..	..	..	1	...	...	1	1	1	2	...	..	...	4	3	1	1	1
127. Other diseases of the gall-bladder and biliary-passages	56	..	1	2	...	1	1	1	..	1	1	1	...	..	1	3	...	..	2	2	3	..	...	2
128. Diseases of the pancreas	3	..	..	1	...	...	..	..	..	...	...	...	...	1	..	...	...	..	...	...	...	..	...	...
129. Peritonitis, cause not specified	6	..	..	..	1	...	..	..	..	...	...	...	...	..	..	...	...	..	1	...	...	..	...	...
CLASS X.—DISEASES OF THE GENITO-URINARY SYSTEM																								
Total	1209	6	13	19	43	14	17	9	18	25	21	28	18	12	22	34	12	2	12	35	56	3	37	49
130. Acute nephritis (including unspecified, under 10 years of age)	28	..	1	..	...	...	..	1	..	1	...	1	1	..	3	...	...	..	1	...	...	..	...	...
131. Chronic nephritis	644	5	6	11	27	6	9	4	12	10	16	16	10	5	15	15	7	..	6	26	23	1	22	31
132. Nephritis, unspecified (10 years and over)	242	..	4	4	8	1	2	..	4	5	2	6	2	5	5	7	3	..	4	2	15	1	6	8
133. Other diseases of the kidneys and ureters	37	..	..	..	1	2	2	..	1	2	...	2	1	1	1	...	...	..	1	...	2	..	...	3
134. Calculi of the urinary passages	14	..	..	..	...	...	1	..	..	...	...	...	...	..	..	...	...	..	...	1	1	..	...	...
135. Diseases of the bladder (tumours excepted)	31	..	..	1	2	...	..	..	..	2	1	...	1	..	..	...	...	1	...	1	1	..	3	2
136. Diseases of the urethra, urinary abscess, etc.	8	..	..	..	...	...	..	..	..	...	...	...	2	..	..	...	...	..	...	...	...	..	...	...
136A. Stricture of the urethra	6	..	..	..	...	...	..	..	..	...	...	...	1	..	..	...	...	..	...	...	...	..	...	...
136B. Others under this title	2	..	..	..	...	...	..	..	..	...	...	...	1	..	..	...	...	..	...	...	...	..	...	...
137. Diseases of the prostate	186	1	2	3	5	3	1	4	1	5	1	2	1	1	1	8	2	1	1	4	14	..	6	5
138. Diseases of the male genital organs	4	..	..	..	...	1	..	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	...	...
139. Diseases of the female genital organs (not specified as venereal)	15	..	..	..	...	1	2	..	..	...	1	...	...	..	..	1	...	..	...	...	...	1	...	...
139A. Of the ovary, Fallopian tube and parametrium	3	..	..	..	...	...	1	..	..	...	1	...	...	..	..	...	...	..	...	...	...	1	...	...
139B. Of the uterus	12	..	..	..	...	1	1	..	..	...	...	...	...	..	1	...	...	..	...	...	...	..	...	...
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE																								
Total	94	1	1	3	5	...	6	2	2	2	1	1	...	..	..	3	...	1	1	3	2	1	2	4
140. Abortion with septic conditions	6	..	1	..	...	...	1	..	..	...	1	...	...	..	..	...	...	..	...	...	...	..	...	...
140A. Abortion	5	..	1	..	...	...	1	..	..	...	1	...	...	..	..	...	...	..	...	...	...	..	...	...
140B. Self-induced abortion	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
141. Abortion without mention of septic conditions (haemorrhage included)	4	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
141A. Abortion	4	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
142. Ectopic gestation	2	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
142B. Without mention of septic conditions	2	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
143. Other accidents of pregnancy (haemorrhage excluded)	4	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
144. Puerperal haemorrhage	13	..	..	..	...	...	..	..	1	1	...	1	...	..	..	...	...	..	...	1	...	..	...	1
144A. Placenta praevia	7	..	..	..	...	...	..	..	1	1	...	1	...	..	..	...	...	..	...	...	...	..	...	...

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1937—Continued

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	District of Patricia	
1	...	..	1	..	1	1	..	...	...	...	...	..	..	...	..	..	...	..	...	..	2	..	..	..	..	..	...	...	1	...	1	..	120B
2	...	1	1	1	1	2	4	...	...	2	2	2	..	...	2	1	2	2	1	2	...	..	3	..	4	..	...	...	3	...	9	..	121
1	2	..	2	..	2	..	..	1	2	2	4	4	..	2	..	3	1	2	...	..	4	2	1	..	4	..	2	...	7	1	14	1	122
...	1	..	..	..	2	..	..	1	1	...	1	2	..	2	..	2	...	1	...	..	1	..	1	..	2	..	1	...	5	1	7	..	122A
1	1	..	2	..	...	..	..	...	1	2	3	2	..	...	..	1	1	1	...	..	3	2	..	..	2	..	1	...	2	...	7	1	122B
2	...	..	..	..	1	..	..	1	1	...	1	..	2	...	..	..	...	..	...	..	...	1	..	..	..	..	...	...	...	1	2	..	123
3	2	..	..	..	1	..	1	1	...	1	...	2	1	1	..	2	...	..	1	4	...	2	1	..	..	..	2	3	2	2	6	..	124
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	124A
3	2	..	..	..	1	..	1	1	...	1	...	2	1	1	..	2	...	..	1	4	...	2	1	..	..	..	2	3	2	2	6	..	124B
...	1	..	..	..	...	..	..	1	...	...	1	..	1	2	1	2	...	..	1	..	...	1	..	..	1	1	...	...	...	...	1	..	125
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	1	...	...	...	...	...	..	125A
...	1	..	..	..	...	..	..	1	...	...	1	..	1	2	1	2	...	..	1	..	...	1	..	..	1	..	...	...	...	...	1	..	125B
1	...	..	1	..	1	..	..	...	...	1	1	..	..	1	..	..	...	..	1	..	...	..	..	..	..	..	...	...	3	2	5	..	126
1	2	..	1	..	1	..	..	1	...	4	3	1	1	...	..	1	...	..	...	2	...	..	..	..	1	..	1	...	2	...	12	..	127
...	...	..	..	..	...	..	..	...	...	...	...	..	..	1	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	128
...	...	..	..	1	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	1	...	..	..	..	..	..	1	...	1	...	...	..	129
27	15	10	20	4	51	15	17	16	22	18	22	19	17	37	12	20	31	9	20	16	47	15	17	2	11	10	22	23	37	29	73	..	
1	...	..	..	..	1	1	2	...	...	1	1	..	..	1	..	1	...	..	...	..	2	2	..	..	..	..	...	2	1	...	3	..	130
15	6	7	11	3	27	10	6	8	19	8	7	12	7	21	4	12	21	2	10	8	24	7	14	..	5	5	13	12	17	16	24	..	131
6	3	1	6	1	10	..	8	5	3	1	8	4	5	3	1	2	3	2	5	4	10	5	2	1	3	2	6	6	6	3	23	..	132
...	1	..	..	..	...	..	..	1	...	1	...	..	1	1	..	2	...	1	1	..	1	..	..	..	2	1	...	2	...	1	2	..	133
...	...	..	..	..	...	..	..	...	...	1	...	..	..	...	1	..	...	..	...	..	1	..	..	..	1	..	...	...	3	1	3	..	134
2	...	1	..	..	1	1	..	...	...	3	2	..	1	1	1	1	...	..	...	1	...	..	..	..	..	..	...	...	1	...	...	..	135
1	...	..	..	..	1	..	..	...	...	...	...	2	..	...	..	..	...	1	...	1	...	..	..	..	..	..	...	...	...	...	...	..	136
1	...	..	..	..	1	..	..	...	...	...	...	1	..	...	..	..	...	1	...	1	...	..	..	..	..	..	...	...	...	...	...	..	136A
...	...	..	..	..	...	..	..	...	...	...	...	1	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	136B
2	4	1	3	..	10	3	..	2	...	3	4	1	3	9	5	2	7	3	4	2	7	1	1	1	..	1	3	1	8	8	15	..	137
...	...	..	..	1	...	1	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	138
...	1	..	..	..	...	..	..	...	...	...	...	..	..	1	..	..	...	..	...	..	2	..	..	..	..	1	...	...	1	...	3	..	139
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	139A
...	1	..	..	..	...	..	..	...	...	...	...	..	..	1	..	..	...	..	...	..	1	..	..	..	..	1	...	...	1	...	3	..	139B
...	1	..	3	4	2	4	2	3	...	...	1	3	..	...	..	..	2	1	...	..	3	..	4	1	4	1	...	1	4	...	9	..	
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	1	..	..	...	...	...	...	2	..	140
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	1	..	..	...	...	...	...	1	..	140A
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	1	..	140B
...	...	..	1	..	...	..	..	1	...	...	...	1	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	1	..	141
...	...	..	1	..	...	..	..	1	...	...	...	1	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	1	..	141A
...	...	..	..	..	...	1	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	1	..	..	..	...	...	...	...	...	..	142
...	...	..	..	..	...	1	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	1	..	..	..	...	...	...	...	...	..	142B
...	...	..	1	..	...	1	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	1	...	...	..	143
...	...	..	..	1	...	..	..	1	...	...	1	..	..	...	..	..	...	..	...	..	...	..	1	..	1	..	...	...	1	...	2	..	144
...	...	..	..	1	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	1	..	..	..	...	...	...	...	2	..	144A

TABLE 39—CAUSES OF DEATH FOR COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora	Kent	Lambton
144B. Other haemorrhages	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
145. Puerperal septicaemia (not specified as due to abortion)	14	...	...	...	3	...	2	...	...	...	...	...	...	...	...	...	...	...	1	1	1	...	...	...
145A. Puerperal septicaemia and pyaemia	14	...	...	...	3	...	2	...	...	...	...	...	...	...	...	...	...	...	1	1	1	...	...	...
146. Puerperal albuminuria and eclampsia	25	...	...	3	...	...	1	2	1	...	...	...	...	...	...	2	...	...	...	1	...	1	...	1
147. Other toxaemias of pregnancy	7	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...
148. Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic)	10	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...
148A. Phlegmasia alba dolens and thrombosis	3	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
148B. Embolism	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
148C. Sudden death	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
149. Other accidents of childbirth	8	1	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	1
149A. Caesarean operation	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
149B. Other surgical operations and instrumental delivery	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
149C. Dystocia	2	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
149D. Rupture of uterus in parturition	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
149E. Others under this title.	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
150. Other or unspecified condition of the puerperal state	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
150B. Others under this title.	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
CLASS XIII.—DISEASES OF THE SKIN AND CELLULAR TISSUE																								
Total	24	...	1	...	...	...	1	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	2	...
151. Carbuncle	6	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
152. Cellulitis, acute abscess.	10	...	...	...	...	...	...	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	1	...
153. Other diseases of the skin and annexa and of the cellular tissue	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
CLASS XII.—DISEASES OF THE BONES AND ORGANS OF LOCOMOTION																								
Total	39	...	1	1	2	1	1	1	...	...	...	...	...	...	1	1	...	...	...	1	5	...	...	...
154. Osteomyelitis	16	...	...	1	1	...	...	1	...	...	...	...	...	...	1	1	...	...	...	1	2	...	...	...
155. Other diseases of the bones (tuberculosis excepted).	12	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...
156. Diseases of the joints and other organs of locomotion	11	...	1	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
156A. Of the joints (tuberculosis and rheumatism excepted)	9	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
156B. Of other organs of locomotion	2	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
CLASS XIV.—CONGENITAL MALFORMATIONS																								
Total	180	...	...	2	3	2	6	5	1	2	3	4	1	4	1	5	3	3	6	6	6	1	7	2
157. Congenital malformations (stillbirths excluded)	180	...	...	2	3	2	6	5	1	2	3	4	1	4	1	5	3	3	6	6	6	1	7	2
157A. Congenital hydrocephalus	27	...	...	...	2	...	1	...	...	...	...	...	...	1	...	...	...	1	2	...	2	...	2	...
157B. Spina bifida and meningocele	51	...	...	1	...	1	1	3	...	...	2	2	1	1	...	2	1	2	2	...	...	...	1	1
157C. Congenital malformations of the heart	66	...	...	1	1	1	3	...	1	1	1	2	...	1	...	3	1	...	1	5	3	1	2	...

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1937—Continued

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	District of Patricia	
...	...	..	..	..	...	..	..	1	...	...	1	..	..	...	..	..	...	..	...	..	...	..	..	..	1	..	...	...	1	...	...	..	144B
...	...	..	..	1	1	..	1	...	...	...	...	..	..	...	..	..	...	1	...	..	...	..	..	..	..	..	...	1	...	...	1	..	145
...	...	..	..	1	1	..	1	...	...	...	...	..	..	...	..	..	...	1	...	..	...	..	..	..	..	..	...	1	...	...	1	..	145A
...	...	..	1	2	...	1	1	1	...	...	...	1	..	...	..	..	2	..	...	..	...	..	..	..	1	1	...	...	1	...	1	..	146
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	1	..	..	..	1	..	...	...	1	...	...	..	147
...	...	..	..	..	1	1	..	...	...	...	...	..	..	...	..	..	...	..	...	..	2	..	2	..	..	..	...	...	...	...	1	..	148
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	1	..	148A
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	2	..	1	..	..	..	...	...	...	...	...	..	148B
...	...	..	..	..	1	1	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	1	..	..	..	...	...	...	...	...	..	148C
...	...	..	..	..	...	..	..	...	...	...	...	1	..	...	..	..	...	..	...	..	...	..	..	..	1	..	...	...	...	...	1	..	149
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	149A
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	149B
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	149C
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	149D
...	...	..	..	..	...	..	..	...	...	...	...	1	..	...	..	..	...	..	...	..	...	..	..	..	1	..	...	...	...	...	1	..	149E
...	1	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	150
...	1	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	150B
1	...	..	..	..	...	..	..	...	1	2	2	2	..	1	2	..	1	..	...	..	2	..	..	..	..	..	1	1	...	...	1	..	
1	...	..	..	..	...	..	..	...	...	1	...	1	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	1	..	151
...	...	..	..	..	...	..	..	...	...	1	1	..	..	...	1	..	1	..	...	..	1	..	..	..	..	..	1	...	...	...	...	..	152
...	...	..	..	..	...	..	..	...	1	...	1	1	..	1	1	..	...	..	...	..	1	..	..	..	..	..	...	1	...	...	...	..	153
2	...	1	..	..	3	1	..	2	1	...	...	..	..	2	1	..	...	..	1	..	2	..	1	..	..	..	...	1	2	2	2	..	
...	...	..	..	..	1	1	..	1	...	...	...	..	..	1	1	..	...	..	...	..	...	..	..	..	..	..	...	...	1	1	1	..	154
2	...	1	..	..	1	..	..	...	1	...	...	..	..	...	..	..	...	..	1	..	...	..	..	..	..	..	...	...	1	1	1	..	155
...	...	..	..	..	1	..	..	1	...	...	...	..	..	1	..	..	...	..	...	..	2	..	1	..	..	..	...	1	...	...	...	..	156
...	...	..	..	..	1	..	..	1	...	...	...	..	..	1	..	..	...	..	...	..	1	..	1	..	..	..	...	1	...	...	...	..	156A
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	1	..	..	..	..	...	...	...	...	...	..	156B
2	2	..	3	1	3	3	4	1	3	3	4	2	2	4	3	8	1	1	6	4	9	2	2	1	8	1	1	5	2	2	14	..	
2	2	..	3	1	3	3	4	1	3	3	4	2	2	4	3	8	1	1	6	4	9	2	2	1	8	1	1	5	2	2	14	..	157
1	...	..	..	..	1	1	..	...	...	...	1	1	..	1	1	1	...	..	...	1	2	..	..	..	1	..	...	...	...	...	4	..	157A
...	...	..	2	1	...	..	..	...	...	3	...	..	1	2	1	1	1	..	2	1	3	2	2	..	3	..	...	...	...	...	5	..	157B
...	2	..	1	..	...	2	2	1	2	...	3	1	..	1	1	3	...	1	2	2	2	..	..	..	3	..	1	3	...	1	4	..	157C

TABLE 39—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora	Kent	Lambton
157D. Monstrosities	4	..	..	..	...	...	..	1	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
157E. Others under this title	32	..	..	..	...	...	1	1	..	1	...	...	...	1	1	...	1	..	1	1	1	..	2	1
CLASS XV.—DISEASES OF EARLY INFANCY																								
Total	674	3	17	5	27	12	52	7	10	7	6	11	3	13	4	11	8	5	7	24	22	5	13	15
158. Congenital debility	65	..	2	..	5	...	10	..	2	...	...	1	...	1	..	2	2	1	3	1	1	..	1	...
159. Premature birth	411	2	11	4	13	10	22	4	4	3	6	5	3	9	3	5	3	1	4	17	14	3	6	9
160. Injury at birth	106	1	2	1	6	1	11	2	1	3	...	3	...	2	1	4	1	2	...	3	6	2	1	2
160B. Without mention of caesarean operation	106	1	2	1	6	1	11	2	1	3	...	3	...	2	1	4	1	2	...	3	6	2	1	2
161. Other diseases peculiar to early infancy (under 3 months)	92	..	2	..	3	1	9	1	3	1	...	2	...	1	..	...	2	1	...	3	1	..	5	4
161A. Atelectasis	31	..	1	..	...	1	1	1	1	1	...	1	...	..	..	...	1	..	...	...	...	..	2	2
161B. Icterus of the new-born	15	..	..	..	...	...	..	..	..	...	...	1	...	..	..	...	1	..	...	2	1	..	2	...
161D. Athrepsia	7	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	2
161E. Others, including lack of care	33	..	1	..	3	...	3	..	2	...	...	...	...	1	..	...	...	1	...	1	...	..	1	...
161F. No cause given, no doctor in attendance	6	..	..	..	...	...	5	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
CLASS XVI.—SENILITY																								
Total	239	..	3	5	12	1	2	2	6	5	8	4	2	4	1	7	7	..	1	1	4	3	4	7
162. Senility	239	..	3	5	12	1	2	2	6	5	8	4	2	4	1	7	7	..	1	1	4	3	4	7
162A. With senile dementia (70 years and over)	77	..	1	..	3	...	..	1	1	1	1	...	2	..	1	5	...	..	...	1	1	..	1	3
162B. Without senile dementia (70 years and over)	162	..	2	5	9	1	2	1	5	4	7	4	...	4	..	2	7	..	1	...	3	3	3	4
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS																								
Total	1356	5	33	20	33	16	58	13	9	31	30	44	14	15	5	16	25	7	14	26	36	30	32	19
163–171. Suicides	175	..	4	3	5	1	7	..	..	2	3	8	1	..	..	3	2	1	1	2	5	2	2	1
163. Suicide by solid or liquid poisons or by absorption of corrosive substances	28	..	1	1	2	...	1	..	..	1	...	...	1	..	..	...	...	..	...	...	...	..	...	1
164. Suicide by poisonous gas	13	..	..	..	...	...	..	..	..	...	...	...	...	..	..	1	...	..	...	...	1	..	...	...
165. Suicide by hanging or strangulation	37	..	1	2	...	...	3	..	..	...	2	2	...	..	..	...	1	..	...	1	1	..	...	...
166. Suicide by drowning	35	..	..	..	2	1	..	..	..	1	...	5	...	..	..	...	...	..	1	...	2	1	...	...
167. Suicide by firearms	43	..	..	..	1	...	1	..	..	...	1	1	...	..	..	1	...	1	...	1	...	1	1	...
168. Suicide by cutting or piercing instruments	11	..	..	..	...	...	1	..	..	...	...	...	...	..	..	1	1	..	...	...	1	..	1	...
169. Suicide by jumping from high places	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
170. Suicide by crushing	2	..	1	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
171. Suicide by other means	5	..	1	..	...	...	1	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
173-175. Homicides	16	..	1	..	...	...	1	2	..	...	...	1	...	..	..	...	...	..	1	...	...	..	...	...
173. Homicide by firearms	7	1	..	..	...	1	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
174. Homicide by cutting or piercing instruments	4	..	..	..	...	...	..	2	..	...	...	...	...	..	..	...	...	..	1	...	...	..	...	...
175. Homicide by other means	5	..	..	..	...	...	..	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	...	...
176–198. Other violent deaths	1165	5	28	17	28	15	50	11	9	29	27	35	13	15	5	13	23	6	12	24	31	28	30	18
176. Attack by venomous animals	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
177. Food poisoning	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
178. Accidental absorption of toxic gases	6	..	..	..	...	...	..	..	..	...	...	1	...	..	..	1	...	..	...	...	...	..	...	...
179. Other acute accidental poisonings (except by gas)	13	..	..	1	...	...	3	..	..	...	...	...	1	1	..	...	...	..	...	...	...	..	...	...
180. Conflagration	26	..	1	..	...	...	1	..	..	...	1	...	1	1	..	...	...	1	...	...	1	2	...	...

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1937—Continued

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Timiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	District of Patricia	
...	...	..	..	..	...	..	..	...	...	...	...	..	1	...	..	..	...	..	1	..	...	..	..	..	..	..	...	...	...	1	...	..	157D
1	...	..	..	..	2	..	2	...	1	...	...	..	..	...	..	3	...	..	1	..	2	..	..	1	1	1	...	2	2	...	1	..	157E
7	5	2	9	13	9	5	35	5	5	13	10	20	5	12	7	16	13	2	20	12	14	6	45	9	19	2	8	9	16	3	31	..	
...	...	..	..	2	...	..	5	...	1	2	1	4	1	...	3	3	1	..	2	..	1	1	3	..	1	..	...	...	2	...	...	..	158
6	5	2	8	5	6	4	22	4	2	8	5	12	4	7	2	6	5	2	10	6	12	2	34	7	15	2	6	6	8	2	25	..	159
...	...	..	1	3	1	1	1	...	...	2	2	2	..	4	1	4	5	..	6	2	1	1	3	..	2	..	2	1	2	1	3	..	160
...	...	..	1	1	1	1	1	...	...	2	2	2	..	4	1	4	5	..	6	2	1	1	3	..	2	..	2	1	2	1	3	..	160B
1	...	..	..	3	2	..	7	1	2	1	2	2	..	1	1	3	2	..	2	4	...	2	5	2	1	..	...	2	4	...	3	..	161
...	...	..	..	..	1	..	4	...	1	...	2	1	..	...	..	..	1	..	1	1	...	1	3	1	..	..	...	...	1	...	1	..	161A
...	...	..	..	..	1	..	..	...	1	...	...	..	..	1	..	..	...	..	...	2	...	..	1	..	..	..	...	...	1	...	1	..	161B
...	...	..	..	..	...	..	2	...	...	...	...	..	..	...	..	..	...	..	1	..	...	1	1	..	..	..	...	...	...	...	...	..	161D
1	...	..	..	3	...	..	1	1	...	1	...	1	..	...	1	3	1	..	...	1	...	..	..	..	1	..	...	2	2	...	1	..	161E
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	1	..	..	...	...	...	...	...	..	161F
6	13	2	5	..	5	2	3	6	1	4	8	5	3	3	6	3	3	3	5	3	8	5	6	1	2	1	4	1	7	13	13	..	
6	13	2	5	..	5	2	3	6	1	4	8	5	3	3	6	3	3	3	5	3	8	5	6	1	2	1	4	1	7	13	13	..	162
5	5	..	..	..	4	1	2	2	...	1	1	..	1	1	..	2	1	..	...	2	2	4	2	..	..	..	1	...	2	11	5	..	162A
1	8	2	5	..	1	1	1	4	1	3	7	5	2	2	6	1	2	3	5	1	6	1	4	1	2	1	3	1	5	2	8	..	162B
17	22	5	29	9	32	17	25	19	14	23	35	20	16	30	11	7	11	26	20	3	34	17	74	31	39	11	17	32	24	25	123	7	
...	3	..	4	2	5	1	..	4	5	6	6	5	4	3	3	..	...	3	1	..	5	4	7	11	4	2	1	5	6	3	19	..	163–171
...	...	..	..	1	1	..	..	1	2	2	...	1	..	1	..	..	...	..	...	..	...	1	1	4	3	..	...	...	2	...	...	..	163
...	1	..	..	..	...	..	..	...	...	...	...	..	..	...	1	..	...	..	...	..	...	..	..	..	..	1	...	1	...	...	7	..	164
...	...	..	1	..	1	..	..	1	...	3	1	..	2	...	..	..	...	..	1	..	2	1	1	3	..	..	1	...	1	...	5	..	165
...	1	..	2	1	1	..	..	1	...	...	1	..	..	...	..	..	...	..	...	..	2	2	1	..	..	1	...	3	3	2	1	..	166
...	...	..	..	..	2	1	..	1	2	1	3	3	2	2	2	..	...	2	...	..	1	..	4	3	..	..	...	...	...	1	4	..	167
...	...	..	..	..	...	..	..	...	1	...	1	..	..	...	..	..	...	1	...	..	...	..	..	1	1	..	...	1	...	...	...	..	168
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	1	169
...	1	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	170
...	...	..	1	..	...	..	..	...	...	...	...	1	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	1	..	171
...	...	..	..	..	...	..	..	...	...	1	...	1	..	...	..	..	...	..	...	..	...	..	3	..	1	..	1	...	...	2	1	..	173–175
...	...	..	..	..	...	..	..	...	...	1	...	..	..	...	..	..	...	..	...	..	...	..	2	..	..	..	1	...	...	1	...	..	173
...	...	..	..	..	...	..	..	...	...	...	...	1	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	174
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	1	..	1	..	...	...	...	1	1	..	175
17	19	5	25	7	27	16	25	15	9	16	29	14	12	27	8	7	11	23	19	3	29	13	64	20	34	9	15	27	18	20	103	7	176–198
...	1	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	176
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	1	177
...	1	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	1	..	..	1	...	...	...	...	1	..	178
1	...	..	..	..	1	..	..	...	...	...	...	..	1	...	..	2	...	..	...	..	1	..	..	..	..	..	...	...	...	...	1	..	179
...	...	..	..	..	...	2	1	...	...	1	...	..	..	...	..	..	2	..	...	1	...	..	2	..	4	..	...	1	...	...	3	..	180

TABLE 39—CAUSES OF DEATH BY COUNTIES (EXCLUSIVELY OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora	Kent	Lambton
181. Accidental burns (conflagration excepted)	35	..	3	..	1	...	3	..	2	...	2	...	...	..	..	1	3	1	...	...	...	..	...	...
182. Accidental mechanical suffocation	25	..	1	..	...	1	1	..	..	...	...	2	2	1	..	...	...	..	...	...	...	..	3	1
183. Accidental drowning	232	1	12	3	1	5	15	..	..	2	13	13	2	1	1	...	3	2	1	6	...	7	6	2
184. Accidental injury by firefirms	17	..	1	..	...	1	3	..	..	...	...	1	1	..	..	...	...	1	...	2	...	..	...	...
185. Accidental injury by cutting or piercing instruments	7	..	..	..	...	...	..	..	..	1	...	...	...	..	..	...	...	..	...	...	2	..	...	...
186. Accidental injury by fall, crushing or landslide	685	3	9	10	22	7	19	10	6	25	10	14	6	9	4	10	15	1	10	12	26	14	18	9
187. Cataclysm	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	1	...	...
188. Injuries by animals	17	..	..	2	2	...	1	..	..	...	1	...	...	2	..	...	...	..	...	...	...	..	...	...
189. Hunger or thirst	3	..	..	..	...	...	1	..	..	...	...	...	...	..	..	...	...	..	...	1	...	..	...	...
190. Excessive cold	8	..	..	..	...	...	1	..	..	...	...	...	...	..	..	1	1	..	...	1	...	1	...	1
191. Excessive heat	23	1	..	1	1	...	..	..	..	...	...	2	...	..	..	...	...	..	...	...	2	..	...	2
192. Lightning	7	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	1	...	...
193. Accidents due to electric currents	9	..	..	..	...	...	1	..	..	...	...	...	...	..	..	...	...	..	...	1	...	..	1	...
194. Other accidents	42	..	1	..	1	1	1	1	..	...	...	2	...	..	..	...	1	..	1	1	...	2	1	2
194A. Foreign body	5	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	1	...
194B. Others under this title	37	..	1	..	1	1	1	1	..	...	...	2	...	..	..	...	1	..	1	1	...	2	...	2
195. Violent deaths of which the nature (accident, suicide, homicide) is unknown	7	..	..	..	...	...	..	..	1	1	...	...	...	..	..	...	...	..	...	...	...	..	1	1
CLASS XVIII.—ILL-DEFINED CAUSES OF DEATH																								
Total	51	..	..	..	...	...	18	..	1	1	...	...	...	1	1	...	2	..	...	1	...	..	1	1
199. Sudden death	20	..	..	..	...	...	..	..	1	1	...	...	...	..	1	...	2	..	...	1	...	..	1	1
200. Cause of death not specified or ill-defined	32	..	..	..	...	...	18	..	..	...	...	...	...	1	..	...	...	..	...	...	...	..	...	...

SPECIAL CLASSES OF ACCIDENTAL DEATHS BY COUNTIES

(Included also under the numbers

ONTARIO,

A. Accidents in mines and quarries	27	..	1	..	...	...	6	..	..	...	...	...	...	..	..	...	...	..	...	1	...	7	...	...
B. Accidents caused by machines	29	..	2	..	3	1	..	..	..	2	...	...	...	..	..	...	2	1	...	1	2	..	...	...
C. Railway accidents	59	..	1	..	...	1	4	..	..	...	1	1	1	1	..	...	1	..	...	...	...	8	...	...
D. Street-car accidents	3	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
E. Automobile and motorcycle accidents	341	1	3	6	7	6	7	6	2	9	6	10	3	6	1	5	8	1	7	7	10	1	16	4
F. Other land transportation	27	1	1	..	...	1	..	..	..	1	1	1	...	..	..	...	...	..	...	1	1	..	1	...
G. Water transportation	56	..	5	..	...	...	7	..	..	...	...	2	...	..	1	...	...	..	...	1	...	2	1	...
H. Air transportation	9	..	..	..	...	...	..	..	1	...	...	3	...	..	..	...	...	..	...	1	...	..	...	...

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1937—Continued

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Timiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	District of Patricia	
1	...	..	1	..	...	1	..	1	...	...	3	1	..	1	..	..	2	1	1	..	...	..	..	..	..	..	1	1	...	1	3	..	181
...	1	..	1	..	1	..	..	...	1	...	...	1	..	2	..	..	...	..	1	..	2	..	1	..	..	..	...	...	...	...	2	..	182
5	5	..	7	2	4	5	8	1	1	4	2	2	5	2	3	..	...	7	8	1	4	4	14	7	4	2	2	9	5	4	5	4	183
...	...	..	..	..	...	..	1	...	...	...	...	..	..	...	1	..	...	..	1	..	1	..	1	..	1	..	...	1	...	...	...	..	184
...	...	..	..	..	...	..	..	...	...	...	1	..	..	...	..	..	...	..	...	..	...	..	1	..	..	..	...	...	...	...	2	..	185
10	9	5	16	5	17	7	13	11	7	11	21	9	6	15	3	3	7	13	6	1	17	7	36	12	19	5	8	13	11	13	78	2	186
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	187
...	...	..	..	..	...	..	..	1	...	...	...	..	..	2	1	..	...	1	...	..	1	..	..	..	..	..	1	...	1	...	1	..	188
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	1	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	189
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	1	...	..	...	..	..	..	1	..	...	...	...	...	...	..	190
...	...	..	..	..	3	1	..	...	...	...	...	..	..	...	..	1	...	..	2	..	1	..	..	..	2	1	1	...	...	...	2	..	191
...	...	..	..	..	...	..	..	...	...	...	1	..	..	2	..	..	...	..	...	..	...	..	..	..	..	..	1	...	...	...	2	..	192
...	...	..	..	..	...	..	..	...	...	...	1	..	..	...	..	..	...	..	...	..	...	2	1	..	..	..	1	...	...	1	...	..	193
...	1	..	..	..	1	..	2	1	...	...	...	1	..	3	..	..	...	..	...	..	2	..	7	1	3	..	...	1	1	1	2	..	194
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	1	..	1	..	..	..	...	...	1	...	1	..	194A
...	1	..	..	..	1	..	2	1	...	...	...	1	..	3	..	..	...	..	...	..	1	..	6	1	3	..	...	...	1	1	1	..	194B
	1	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	...	1	...	...	1	..	195
...	...	..	..	..	3	..	..	...	1	...	...	1	..	1	1	1	1	1	1	..	2	1	2	3	..	1	...	...	2	2	1	..	
...	...	..	..	..	1	..	..	...	1	...	...	..	..	...	1	..	1	1	1	..	1	..	..	..	..	1	...	...	2	1	1	..	199
...	...	..	..	..	2	..	..	...	...	...	...	1	..	1	..	1	...	..	...	..	1	1	2	3	..	..	...	...	...	1	...	..	200

(EXCLUSIVE OF CITIES AND TOWNS OF 5,000 AND OVER)

of the International List above)

1937

...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	6	1	3	..	...	...	...	...	...	2	A
...	...	..	..	..	...	..	1	1	...	...	...	2	..	...	..	..	1	1	...	..	1	..	3	..	3	..	...	...	...	...	2	..	B
2	...	..	1	..	...	1	2	1	...	1	4	..	..	...	..	..	...	4	...	1	2	..	8	6	..	1	...	3	...	...	3	..	C
...	...	..	..	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	..	..	..	..	1	...	...	...	2	..	D
5	6	1	13	1	7	3	6	6	4	7	10	1	3	5	2	1	5	4	4	..	6	2	18	2	11	1	3	5	4	9	54	..	E
...	...	..	..	..	1	..	4	...	1	1	1	1	..	...	..	..	1	3	...	..	...	1	..	..	1	..	...	1	...	...	...	2	F
1	...	..	1	1	2	1	2	1	...	1	...	1	1	2	..	..	...	6	3	1	2	3	2	2	1	..	1	1	...	1	...	..	G
...	...	..	..	..	1	..	..	...	...	...	...	..	..	3	..	..	...	..	...	..	...	..	..	..	..	..	...	...	...	...	...	..	H

TABLE 40—CAUSES OF DEATH FOR TOWNS AND VILLAGES OF

CAUSES OF DEATH	Total	Barrie	Brampton	Brockville	Cobourg	Collingwood	Eastview	Fort Erie
Deaths—All Causes. **Total**	**2,419**	**118**	**80**	**193**	**121**	**102**	**42**	**62**
Class I.—Infectious and Parasitic Diseases								
Total	217	9	4	15	11	2	3	7
1. Typhoid fever	5	....	....	1	1	....	....	....
5. Undulant fever	1	....	....	....	....	....	....	....
7. Measles	2	1	....	....	....	....	....	1
8. Scarlet fever	2	....	....	....	....	....	....	....
9. Whooping-cough	7	....	....	....	1	....	....	....
10. Diphtheria	4	....	....	1	....	....	....	....
11. Influenza	103	4	2	5	6	....	1	2
11A. Sole cause	6	....	....	....	....	....	....	....
11B. With bronchitis	1	....	1	....	....	....	....	....
11C. With pneumonia	61	4	....	3	3	....	1	1
11D. With other diseases of the respiratory system	2	....	....	....	....	....	....	....
11E. With intestinal complications	5	....	....	....	....	....	....	....
11F. With other causes	28	....	1	2	3	....	....	1
13. Dysentery	6	....	....	....	....	....	2	....
16. Poliomyelitis and polioencephalitis (acute)	5	1	....	....	....	....	....	....
17. Lethargic or epidemic encephalitis	1	1	....	....	....	....	....	....
18. Epidemic cerebrospinal meningitis	1	....	....	....	....	....	....	....
22. Tetanus	3	1	1	....	....	....	....	....
23–32. Tuberculosis	63	1	1	5	2	1	....	2
23. Tuberculosis of the respiratory system	56	1	1	4	2	1	....	2
24. Tuberculosis of the meninges and central nervous system	2	....	....	....	....	....	....	....
25. Tuberculosis of the intestines and peritoneum	1	....	....	....	....	....	....	....
27. Tuberculosis of the bones and joints (vertebral column excepted)	1	....	....	....	....	....	....	....
27A. Of bones	1	....	....	....	....	....	....	....
30. Tuberculosis of the genito-urinary system	1	....	....	1	....	....	....	....
32. Disseminated tuberculosis	2	....	....	....	....	....	....	....
32A. Acute	1	....	....	....	....	....	....	....
32C. Not specified	1	....	....	....	....	....	....	....
34. Syphilis	9	....	....	2	1	....	....	1
36. Purulent infection, septicaemia (non-puerperal)	4	....	....	1	....	1	....	....
38. Malaria	1	....	....	....	....	....	....	1
Class II.—Cancer and Other Tumours								
Total	258	7	9	25	14	15	2	8
45–53. Cancer and other malignant tumours	248	7	9	25	13	15	2	8
45. Cancer of the buccal cavity and pharynx	12	1	....	....	2	1	....	....
46. Cancer of the digestive tract and peritoneum	128	4	6	13	8	7	1	....
46A. Of the oesophagus	1	....	1	....	....	....	....	....
46B. Of the stomach and duodenum	39	1	2	2	4	2	1	....
46C. Of the rectum	13	1	....	1	1	1	....	....
46D. Of the liver and biliary ducts	23	....	1	2	....	1	....	....
46E. Of the pancreas	10	....	....	2	1	1	....	....
46F. Of the peritoneum	1	....	....	1	....	....	....	....
46G. Of other organs	41	2	2	5	2	2	....	....
47. Cancer of the respiratory organs	8	....	1	....	1	....	....	....
47A. Of the larynx	1	....	....	....	....	....	....	....
47B. Of the lung	7	....	1	....	1	....	....	....
48. Cancer of the uterus	25	2	....	3	....	1	1	1
48A. Of the uterus	15	1	....	2	....	....	....	....
48B. Of the cervix uteri	10	1	....	1	....	1	1	1
49. Cancer of other female genital organs	4	....	....	....	....	....	....	....
50. Cancer of the breast	25	....	1	....	2	3	....	3
51. Cancer of the male genito-urinary organs	18	....	....	4	....	....	....	3
51A. Of the bladder	8	....	....	3	....	....	....	....
51B. Of the kidney	1	....	....	....	....	....	....	1
51C. Of the prostate gland	9	....	....	1	....	....	....	2
52. Cancer of the skin	4	....	....	....	....	1	....	....
53. Cancer of other or unspecified organs	24	....	1	5	....	2	....	1
53C. Of the glandular system	7	....	1	1	....	....	....	1
53D. Of the female urinary organs	4	....	....	2	....	....	....	....
53E. Of the bones and joints	2	....	....	....	....	....	....	....
53F. Of the brain	3	....	....	....	....	2	....	....
53H. Of the neck	2	....	....	....	....	....	....	....
53I. Of the abdomen	2	....	....	1	....	....	....	....
53J. Of other specified organs	1	....	....	1	....	....	....	....
53K. Multiple cancer	3	....	....	....	....	....	....	....
54. Non-malignant tumours	4	....	....	....	....	....	....	....

5,000 TO 10,000 POPULATION IN THE PROVINCE ON ONTARIO, 1937

Fort Frances	Hawkesbury	Ingersoll	Kenora	Leamington	Lindsay	Midland	Mimico	New Toronto	Orillia	Port Colborne	Preston	Renfrew	Riverside	Simcoe	Smith's Falls	Swansea	Trenton	Waterloo	Weston	Whitby	
52	84	80	97	72	138	112	29	162	144	38	42	79	21	123	110	32	59	45	32	150	
6	9	7	16	6	5	8	3	30	12	3	5	11	2	17	13	....	....	1	3	9	
....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	1	1
....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	5
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	7
....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	8
1	....	2	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	9
2	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	10
1	8	3	10	4	5	4	....	1	9	1	3	8	1	8	8	....	....	....	2	7	11
....	....	....	1	....	....	1	....	....	....	....	....	1	....	1	....	....	....	....	2	....	11A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	11B
1	8	2	6	3	3	1	....	1	5	1	2	3	....	3	5	....	....	....	....	5	11C
....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	11D
....	....	1	....	....	1	1	....	....	....	....	....	....	1	....	....	....	....	....	....	1	11E
....	....	....	3	1	1	1	....	....	2	....	1	4	....	4	3	....	....	....	....	1	11F
....	....	1	....	....	....	....	....	2	....	....	....	....	....	....	1	....	....	....	....	....	13
....	....	....	....	....	....	2	1	....	....	....	....	....	....	1	....	....	....	....	....	....	16
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2	1	1	4	....	....	1	1	26	1	1	1	1	....	4	4	....	....	1	1	1	23–32
2	1	....	3	....	....	1	....	25	....	1	1	1	....	4	3	....	....	1	1	1	23
....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	24
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	25
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....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	27A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	30
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	32
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	32A
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....	....	....	1	....	....	....	1	1	1	....	....	....	....	1	....	....	....	....	....	....	34
....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	36
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	38
3	3	8	12	7	20	17	4	5	17	3	9	6	2	14	19	7	1	5	5	11	
3	3	7	11	5	19	16	4	4	16	3	9	6	2	13	19	7	1	5	5	11	45–53
....	....	....	....	....	....	1	1	....	2	....	....	....	....	1	2	....	....	....	1	....	45
2	2	4	5	1	14	10	1	1	8	2	6	3	....	7	8	5	1	....	3	6	46
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	46A
....	1	....	3	....	4	2	1	....	3	1	1	1	....	4	....	2	1	....	2	1	46B
....	....	....	....	1	1	1	....	....	1	....	2	....	....	1	....	1	....	....	....	1	46C
1	....	1	1	....	6	3	....	1	2	....	....	1	....	....	2	....	....	....	....	1	46D
....	....	1	....	....	1	....	....	....	1	1	1	....	....	....	....	....	....	....	1	....	46E
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	46F
1	1	2	1	....	2	4	....	....	1	....	2	1	....	2	6	2	....	....	....	3	46G
....	....	....	2	....	....	....	1	....	2	....	....	....	....	....	....	....	....	1	....	....	47
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	47A
....	....	....	1	....	....	....	1	....	2	....	....	....	....	....	....	....	....	1	....	....	47B
1	....	....	1	2	1	3	....	2	1	....	....	....	1	2	2	....	....	....	....	1	48
....	....	....	....	2	1	3	....	1	1	....	....	....	1	2	....	....	....	....	....	1	48A
1	....	....	1	....	....	....	....	1	....	....	....	....	....	....	2	....	....	....	....	....	48B
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	2	1	....	....	....	....	49
....	....	....	2	....	1	....	....	....	1	1	2	....	....	1	2	....	....	2	1	3	50
....	....	....	....	1	1	1	....	....	....	....	1	2	1	....	3	....	....	1	....	....	51
....	....	....	....	1	....	1	....	....	....	....	....	....	1	....	1	....	....	1	....	....	51A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	51B
....	....	....	....	....	1	....	....	....	....	....	1	2	....	....	2	....	....	....	....	....	51C
....	....	1	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	52
....	1	2	....	1	1	1	1	1	1	....	....	1	....	2	....	1	....	1	....	1	53
....	1	2	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	53C
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	53D
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....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	53I
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....	....	....	....	1	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	53K
....	....	....	1	1	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	54

TABLE 40—CAUSES OF DEATH FOR TOWNS AND VILLAGES OF

CAUSES OF DEATH	Total	Barrie	Brampton	Brockville	Cobourg	Collingwood	Eastview	Fort Erie
54A. Of the ovary	2	....	....	....	....	....	....	....
54B. Of the uterus	1	....	....	....	....	....	....	....
54D. Of the brain	1	....	....	....	....	....	....	....
55. Tumours, nature not specified	6	....	....	....	1	....	....	....
55D. Of the brain	4	....	....	....	1	....	....	....
55G. Of other or unspecified sites	2	....	....	....	....	....	....	....
CLASS III.—RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS AND OTHER GENERAL DISEASES								
Total	75	6	5	7	3	1	1	4
56. Acute rheumatic fever	15	1	4	2	....	....	....	....
57. Chronic rheumatism, osteo-arthritis	2	....	1	....	....	....	....	....
59. Diabetes mellitus	37	3	....	4	3	1	1	2
65. Diseases of the pituitary gland	1	....	....	....	....	....	....	....
66. Diseases of the thryoid and parathyroid glands	16	1	....	1	....	....	....	1
66A. Simple goitre	1	1	....	....	....	....	....	....
66B. Exophthalmic goitre	14	....	....	1	....	....	....	1
66C. Myxoedema, cretinism	1	....	....	....	....	....	....	....
67. Diseases of the thymus gland	3	1	....	....	....	....	....	....
69. Other general diseases	1	....	....	....	....	....	....	1
69A. Fatty or amyloid degeneration	1	....	....	....	....	....	....	1
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS								
Total	25	1	....	1	1	2	2	1
71. Anaemia	14	1	....	....	1	2	1	....
71A. Pernicious anaemia	13	1	....	....	1	2	....	....
71B. Others under this title	1	....	....	....	....	....	1	....
72. Leukaemia and aleukaemia	10	....	....	1	....	....	1	1
72A. Leukaemia	8	....	....	1	....	....	1	1
72B. Aleukaemia (Hodgkin's disease)	2	....	....	....	....	....	....	....
73. Diseases of the spleen	1	....	....	....	....	....	....	....
CLASS V.—CHRONIC POISONINGS AND INTOXICATIONS								
Total	4	1	....	....	....	1	....	....
75. Alcoholism	3	....	....	....	....	1	....	....
75A. Delirium tremens	1	....	....	....	....	....	....	....
75B. Other alcoholic intoxications	2	....	....	....	....	1	....	....
76. Chronic poisoning, by other organic substances	1	1	....	....	....	....	....	....
76A. Chronic morphinism	1	1	....	....	....	....	....	....
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE								
Total	170	7	1	4	9	7	2	3
78. Encephalitis (non-epidemic)	2	1	....	....	....	1	....	....
79. Simple meningitis	2	....	....	....	....	....	....	....
80. Progressive locomotor ataxia (tabes dorsalis)	2	....	....	....	1	....	....	....
81. Other diseases of the spinal cord	1	1	....	....	....	....	....	....
82. Cerebral haemorrhage, cerebral embolism and thrombosis	39	4	1	2	6	3	1	....
82A. Cerebral haemorrhage	25	2	....	1	5	2	1	....
82B. Cerebral embolism and thrombosis	6	1	1	1	1	....	....	....
82D. Hemiplegia and other paralysis, cause not specified	8	1	....	....	....	1	....	....
83. General paralysis of the insane	17	....	....	....	....	....	....	1
84. Dementia praecox and other psychoses	78	....	....	....	1	....	1	....
84A. Dementia praecox	69	....	....	....	1	....	....	1
84B. Other psychoses	9	....	....	....	....	....	....	....
85. Epilepsy	3	....	....	....	....	1	....	....
86. Convulsions (under 5 years of age)	3	....	....	....	....	....	1	....
87. Other diseases of the nervous system	18	1	....	....	1	2	....	....
87A. Chorea	2	....	....	....	....	1	....	....
87C. Paralysis agitans	9	....	....	....	1	1	....	....
87D. Sclerosis (other than of the spinal cord)	2	....	....	....	....	....	....	....
87E. Others under this title	5	1	....	....	....	....	....	....
88. Diseases of the organs of vision	1	....	....	1	....	....	....	....
89. Diseases of the ear and mastoid process	4	....	....	1	....	....	....	1

5,000 TO 10,000 POPULATION IN THE PROVINCE OF ONTARIO, 1937—Continued

Fort Frances	Hawkesbury	Ingersoll	Kenora	Leamington	Lindsay	Midland	Mimico	New Toronto	Orillia	Port Colborne	Preston	Renfrew	Riverside	Simcoe	Smith's Falls	Swansea	Trenton	Waterloo	Weston	Whitby	
....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	54A
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	54B
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	54D
....	....	1	....	1	1	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	55
....	....	....	....	1	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	55D
....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	55G
2	4	2	1	....	2	7	....	2	8	1	1	3	2	4	2	1	2	....	1	3	
....	2	....	....	....	....	1	....	....	....	....	....	....	1	3	....	....	....	....	1	....	56
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	57
1	2	2	1	....	1	2	....	2	3	1	....	2	....	1	1	....	2	....	....	2	59
....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	65
1	....	....	....	....	1	4	....	....	3	....	1	1	....	....	1	1	....	....	....	....	66
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	66A
1	....	....	....	....	1	4	....	....	3	....	....	1	....	....	1	1	....	....	....	....	66B
....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	66C
....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	67
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	69
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	69A
1	....	....	3	1	1	....	....	1	2	....	2	....	1	....	2	....	1	1	....	1	
....	....	....	1	....	....	....	....	1	1	....	....	....	1	....	2	....	1	1	....	1	71
....	....	....	1	....	....	....	....	1	1	....	....	....	1	....	2	....	1	1	....	1	71A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	71B
1	....	....	2	1	....	....	....	....	1	....	2	....	....	....	....	....	....	....	....	....	72
1	....	....	1	1	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	72A
....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	72B
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	73
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....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	76
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	76A
2	2	3	2	4	2	5	1	57	3	....	....	....	....	1	7	2	1	1	2	42	
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	78
1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	79
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....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	81
1	....	2	1	1	2	2	1	....	1	....	....	....	....	1	5	2	....	1	....	2	82
1	....	1	1	1	2	2	1	....	1	....	....	....	....	1	....	1	....	1	....	1	82A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	82B
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	5	....	....	....	....	....	82D
....	....	....	....	....	....	....	....	9	....	....	....	....	....	....	....	....	....	....	....	7	83
....	....	....	....	1	....	....	....	47	....	....	....	....	....	....	....	....	....	....	....	28	84
....	....	....	....	1	....	....	....	46	....	....	....	....	....	....	....	....	....	....	....	20	84A
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	8	84B
....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	85
....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	86
....	....	....	....	1	....	3	....	1	1	....	....	....	....	....	1	....	1	....	1	5	87
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	87A
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....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	89

TABLE 40—CAUSES OF DEATH FOR TOWNS AND VILLAGES OF

CAUSES OF DEATH	Total	Barrie	Brampton	Brockville	Cobourg	Collingwood	Eastview	Fort Erie
89A. Otitis	3	....	....	1	....	....	....	1
89B. Diseases of the mastoid process	1	....	....	....	....	....	....	....
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM								
Total	736	33	28	70	47	37	15	19
90–95. Diseases of the heart	434	22	18	32	35	29	10	9
90. Pericarditis	1	....	....	....	....	....	....	....
91. Acute endocarditis	6	....	....	....	....	....	....	1
91A. Endocarditis specified as acute	5	....	....	....	....	....	....	1
91B. Endocarditis, unspecified (under 45 years of age)	1	....	....	....	....	....	....	....
92. Chronic endocarditis, valvular diseases	64	5	3	6	6	2	2	....
92A. Endocarditis specified as chronic and other valvular diseases	49	4	2	4	6	1	2	....
92B. Endocarditis, unspecified (45 years and over)	15	1	1	2	....	1	....	....
93. Diseases of the myocardium	132	7	6	13	12	8	5	6
93A. Acute myocarditis	9	....	....	1	....	....	1	1
93C. Chronic myocarditis and myocardial degeneration	80	7	5	6	12	....	1	3
93D. Myocarditis, unspecified (45 years and over)	43	....	1	6	....	8	3	2
94. Diseases of the coronary arteries and angina pectoris	212	10	8	10	16	18	3	2
94A. Diseases of the coronary arteries	7	....	....	....	....	1	....	....
94B. Embolism and thrombosis of the coronary arteries	175	10	7	6	11	15	2	2
94C. Angina pectoris	30	....	1	4	5	2	1	....
95. Other diseases of the heart	19	....	1	3	1	1	....	....
95A. Functional diseases of the heart	6	....	1	1	....	....	....	....
95B. Other and unspecified	13	....	....	2	1	1	....	....
96. Aneurysm (except of the heart)	2	....	....	....	....	....	....	....
97. Arteriosclerosis (of coronary arteries excepted)	245	7	6	36	10	8	4	9
98. Gangrene	8	....	....	1	1	....	....	1
99. Other diseases of the arteries	4	1	1	....	....	....	....	....
100. Diseases of the veins (varices, haemorrhoids, phlebitis, etc.)	2	1	....	....	....	....	....	....
102. Idiopathic abnormalities of blood pressure	41	2	3	1	1	....	1	....
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM								
Total	179	6	5	15	12	10	2	4
104. Diseases of the nasal fossae and annexa	2	....	....	....	....	1	....	....
105. Diseases of the larynx	2	....	....	1	1	....	....	....
105A. Croup	1	....	....	1	....	....	....	....
105B. Other diseases of the larynx	1	....	....	....	1	....	....	....
106. Bronchitis	4	....	....	....	....	2	....	....
106A. Acute	1	....	...	....	....	1	....	....
106B. Chronic	2	....	....	....	....	....	....	....
106C. Unspecified	1	....	....	....	....	1	....	....
107. Bronchopneumonia	72	5	1	4	3	2	1	....
107A. Bronchopneumonia	71	5	1	4	3	2	1	....
107B. Capillary bronchitis	1	....	....	....	....	....	....	....
108. Lobar pneumonia	65	....	3	6	7	....	1	4
109. Pneumonia, unspecified	15	....	....	....	1	2	....	....
110. Pleurisy	2	....	....	....	....	1	....	....
111. Congestion and haemorrhagic infarct of the lung, etc	4	....	....	1	....	....	....	....
111B. Others under this title	4	....	....	1	....	....	....	....
112. Asthma	10	1	1	1	....	1	....	....
114. Other diseases of the respiratory system (tuberculosis excepted)	3	....	....	2	....	1	....	....
114A. Chronic interstitial pneumonia including occupational diseases of the respiratory system	1	....	....	1	....	....	....	....
114C. Others under this title	2	....	....	1	....	1	....	....
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM								
Total	138	12	6	17	3	2	3	1
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations)	10	....	....	1	....	....	....	....
115A. Diseases of the buccal cavity and annexa	3	....	....	....	....	....	....	....
115B. Diseases of the tonsils	4	....	....	1	....	....	....	....
115C. Others under this title	3	....	....	....	....	....	....	....
117. Ulcer of the stomach or duodenum	19	6	1	3	....	....	....	....
117A. Ulcer of the stomach	14	5	1	1	....	....	....	....
117B. Ulcer of the duodenum	5	1	....	2	....	....	....	....
118. Other diseases of the stomach	2	....	....	....	....	....	....	....
119. Diarrhoea and enteritis (under 2 years of age)	17	....	....	1	....	....	3	....
120. Diarrhoea and enteritis (2 years and over)	6	1	....	....	....	....	....	....
120A. Diarrhoea and enteritis	5	1	....	....	....	....	....	....

5,000 TO 10,000 POPULATION IN THE PROVINCE OF ONTARIO, 1937—Continued

Fort Frances	Hawkesbury	Ingersoll	Kenora	Leamington	Lindsay	Midland	Mimico	New Toronto	Orillia	Port Colborne	Preston	Renfrew	Riverside	Simcoe	Smith's Falls	Swansea	Trenton	Waterloo	Weston	Whitby	
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	89A
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	89B
11	11	24	26	24	40	36	12	27	35	17	13	24	6	33	34	14	22	27	9	42	
5	8	12	16	13	20	25	7	19	24	11	7	12	5	16	24	5	10	17	5	18	90–95
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	90
....	....	....	1	....	....	2	....	1	....	....	....	....	1	....	....	....	....	....	....	....	91
....	....	....	1	....	....	1	....	1	....	....	....	....	1	....	....	....	....	....	....	....	91A
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	91B
....	3	1	4	....	1	4	....	2	9	1	1	....	1	1	8	1	....	1	1	1	92
....	1	1	2	....	1	3	....	2	6	1	1	....	1	1	8	1	....	....	....	1	92A
....	2	....	2	....	....	1	....	....	3	....	....	....	....	....	....	....	....	1	1	....	92B
....	3	2	2	2	6	2	2	8	1	6	1	7	....	5	2	1	3	7	2	13	93
....	....	....	....	1	....	....	....	3	....	....	....	1	....	....	....	....	....	....	....	1	93A
....	3	1	1	....	4	2	1	3	1	5	....	3	....	2	....	1	2	4	2	11	93C
....	....	1	1	1	2	....	1	2	....	1	1	3	....	3	2	....	1	3	....	1	93D
4	2	8	9	7	12	15	5	6	13	4	4	5	3	10	13	3	7	9	2	4	94
2	....	....	....	1	....	....	....	....	....	....	1	1	....	....	1	....	....	....	....	....	94A
2	1	4	7	5	11	14	4	6	11	4	2	4	2	9	12	3	6	9	2	4	94B
....	1	4	2	1	1	1	1	....	2	....	1	....	1	1	....	....	1	....	....	....	94C
1	....	1	....	4	1	2	....	1	1	....	1	....	....	....	1	....	....	....	....	....	95
....	....	....	....	3	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	95A
1	....	1	....	1	1	1	....	1	1	....	1	....	....	....	1	....	....	....	....	....	95B
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	96
4	3	9	8	10	15	7	2	5	10	5	5	9	....	16	8	7	7	9	2	24	97
....	....	1	1	....	1	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	98
....	....	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	99
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	100
2	....	2	1	1	4	2	1	3	1	1	....	2	1	1	2	1	5	1	2	....	102
5	4	5	7	8	12	6	1	12	7	1	1	9	3	7	5	3	6	1	2	20	
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	104
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	105
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	105A
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....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	106A
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	106B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	106C
1	3	....	2	2	3	2	....	11	....	....	1	6	2	2	2	....	2	1	2	14	107
1	3	....	2	2	3	2	....	11	....	....	....	6	2	2	2	....	2	1	2	14	107A
....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	107B
2	1	2	3	4	5	2	1	1	7	1	....	2	1	4	3	1	2	....	....	2	108
2	....	2	1	....	3	2	....	....	....	....	....	....	....	....	....	1	1	....	....	....	109
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	110
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	111
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	111B
....	....	1	1	1	....	....	....	....	....	....	....	1	....	1	....	1	....	....	....	....	112
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	114
																					114A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	114C
5	17	5	3	....	13	2	1	3	17	1	....	6	1	6	7	1	1	3	2	....	
....	....	1	1	....	1	....	....	....	1	1	....	2	....	....	....	....	1	1	....	....	115
....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	115A
....	....	....	....	....	....	....	....	....	....	1	....	2	....	....	....	....	....	....	....	....	115B
....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	115C
1	....	1	....	....	2	1	1	....	1	....	....	....	1	....	1	....	....	....	....	....	117
1	....	1	....	....	1	1	....	....	1	....	....	....	1	....	1	....	....	....	....	....	117A
....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	117B
....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	118
1	5	....	....	....	....	1	....	....	4	....	....	....	....	2	....	....	....	....	....	....	119
....	1	....	....	....	....	....	....	....	2	....	....	....	....	1	1	....	....	....	....	....	120
....	1	....	....	....	....	....	....	....	2	....	....	....	....	....	1	....	....	....	....	....	120A

TABLE 40—CAUSES OF DEATH FOR TOWNS AND VILLAGES OF

CAUSES OF DEATH	Total	Barrie	Brampton	Brockville	Cobourg	Collingwood	Eastview	Fort Erie
120B. Ulceration of the intestines	1	....	....	....	....	....	....	....
121. Appendicitis	25	2	....	5	2	....	....	....
122. Hernia, intestinal obstruction	31	....	3	4	....	....	....	1
122A. Hernia	15	....	1	2	....	....	....	....
122B. Intestinal obstruction	16	....	2	2	....	....	....	1
123. Other diseases of the intestines	3	1	....	1	....	....	....	....
124. Cirrhosis of the liver	7	....	....	....	....	2	....	....
124B. Not specified as alcoholic	7	....	....	....	....	2	....	....
125. Other diseases of the liver	1	....	....	....	....	....	....	....
125A. Yellow atrophy of the liver	1	....	....	....	....	....	....	....
126. Biliary calculi	3	....	....	....	....	....	....	....
127. Other diseases of the gall-bladder and biliary passages	12	1	2	2	1	....	....	....
128. Diseases of the pancreas	2	1	....	....	....	....	....	....
CLASS X.—DISEASES OF THE GENITO-URINARY SYSTEM								
Total	188	12	9	12	8	9	1	4
130. Acute nephritis (including unspecified, under 10 years of age)	5	....	....	....	....	....	....	....
131. Chronic nephritis	98	5	2	9	3	4	1	....
132. Nephritis, unspecified (10 years and over)	32	4	2	....	3	1	....	1
133. Other diseases of the kidneys and ureters	9	1	1	1	....	....	....	2
134. Calculi of the urinary passages	2	....	....	....	....	....	....	....
135. Diseases of the bladder (tumours excepted)	8	1	....	....	1	2	....	....
137. Diseases of the prostate	26	1	4	1	1	2	....	....
139. Diseases of the female genital organs (not specified as venereal)	8	....	....	1	....	....	....	1
139A. Of the ovary, Fallopian tube and parametrium	3	....	....	1	....	....	....	....
139B. Of the uterus	5	....	....	....	....	....	....	1
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE								
Total	30	3	....	4	....	....	....	1
140. Abortion with septic conditions	3	....	....	1	....	....	....	....
140A. Abortion	3	....	....	1	....	....	....	....
141. Abortion without mention of septic conditions (haemorrhage included)	1	....	....	....	....	....	....	....
141A. Abortion	1	....	....	....	....	....	....	....
142. Ectopic gestation	1	....	....	....	....	....	....	....
142B. Without mention of septic conditions	1	....	....	....	....	....	....	....
143. Other accidents of pregnancy (haemorrhage excluded)	1	....	....	....	....	....	....	....
144. Puerperal haemorrhage	2	....	....	1	....	....	....	....
144A. Placenta praevia	1	....	....	....	....	....	....	....
144B. Other haemorrhages	1	....	....	1	....	....	....	....
145. Puerperal septicaemia (not specified as due to abortion)	8	2	....	....	....	....	....	....
145A. Puerperal septicaemia and pyaemia	8	2	....	....	....	....	....	....
146. Puerperal albuminuria and eclampsia	4	....	....	1	....	....	....	....
147. Other toxaemias of pregnancy	2	1	....	....	....	....	....	....
148. Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic)	4	....	....	1	....	....	....	....
148A. Phlegmasia alba dolens and thrombosis	1	....	....	....	....	....	....	....
148B. Embolism	2	....	....	1	....	....	....	....
148C. Sudden death	1	....	....	....	....	....	....	....
149. Other accidents of childbirth	3	....	....	....	....	....	....	1
149A. Caesarean operation	1	....	....	....	....	....	....	1
149E. Others under this title	2	....	....	....	....	....	....	....
150. Other or unspecified condition of the puerperal state	1	....	....	....	....	....	....	....
150B. Others under this title	1	....	....	....	....	....	....	....
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE								
Total	4	....	....	....	1	....	....	....
151. Carbuncle	1	....	....	....	....	....	....	....
152. Cellulitis, acute abscess	2	....	....	....	1	....	....	....
153. Other diseases of the skin and annexa and of the cellular tissue	1	....	....	....	....	....	....	....
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF LOCOMOTION								
Total	3	2	....	....	....	....	....	....
154. Osteomyelitis	2	1	....	....	....	....	....	....
155. Other diseases of the bones (tuberculosis excepted)	1	1	....	....	....	....	....	....

5,000 TO 10,000 POPULATION IN THE PROVINCE OF ONTARIO, 1937—Continued

Fort Frances	Hawkesbury	Ingersoll	Kenora	Leamington	Lindsay	Midland	Mimico	New Toronto	Orillia	Port Colborne	Preston	Renfrew	Riverside	Simcoe	Smith's Falls	Swansea	Trenton	Waterloo	Weston	Whitby	
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	120B
....	2	2	....	....	4	....	....	....	4	....	....	1	....	1	2	....	....	....	....	....	121
3	4	1	1	....	5	....	....	1	4	....	....	1	....	1	1	....	....	1	....	....	122
1	3	. .	....	....	3	....	....	....	2	....	....	1	....	....	1	....	....	1	....	....	122A
2	1	1	1	....	2	....	....	1	2	....	....	....	....	1	....	....	....	....	....	....	122B
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	123
....	2	....	....	....	....	....	....	1	....	....	....	1	....	....	....	1	....	....	....	....	124
....	2	....	....	....	....	....	....	1	....	....	....	1	....	....	....	1	....	....	....	....	124B
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	125
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	125A
....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	126
....	1	....	1	....	....	....	....	....	....	....	....	....	....	1	2	....	....	....	1	....	127
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	128
5	13	11	3	9	15	3	2	2	16	1	6	4	3	13	9	1	5	5	2	5	
1	....	....	....	....	3	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	130
3	8	3	3	6	3	3	1	2	7	....	6	3	3	8	4	....	4	4	....	3	131
....	1	5	....	2	2	....	....	....	3	1	....	....	....	3	2	1	....	....	1	....	132
....	....	1	....	....	1	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	133
....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	134
....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	1	....	....	....	....	1	135
....	3	1	....	1	4	....	1	....	1	....	....	....	....	1	1	....	1	1	1	1	137
1	1	1	....	....	2	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	139
....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	139A
1	....	....	....	....	2	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	139B
....	2	....	3	2	2	3	....	....	5	....	....	1	....	1	1	....	....	....	1	1	
....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	140
....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	140A
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	141
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	141A
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	142
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	142B
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	143
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	144
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	144A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	144B
....	1	....	2	1	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	145
....	1	....	2	1	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	145A
....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	146
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	147
....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	148
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	148A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	148B
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	148C
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	149
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	149A
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....	....	....	....	....	1	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	151
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	152
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	153
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	154
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	155

TABLE 40—CAUSES OF DEATH FOR TOWNS AND VILLAGES OF

CAUSES OF DEATH	Total	Barrie	Brampton	Brockville	Cobourg	Collingwood	Eastview	Fort Erie
CLASS XIV.—CONGENITAL MALFORMATIONS								
Total	28	....	2	1	....	....	1	1
157. Congenital malformations (stillbirths excluded)	28	....	2	1	....	....	1	1
157A. Congenital hydrocephalus	2	....	....	....	....	....	....	....
157B. Spina bifida and meningocele	9	....	1	....	....	....	....	....
157C. Congenital malformations of the heart	11	....	1	....	....	....	....	1
157E. Others under this title	6	....	....	1	....	....	1	....
CLASS XV.—DISEASES OF EARLY INFANCY								
Total	129	3	4	4	2	4	10	4
158. Congenital debility	10	....	1	....	....	....	1	....
159. Premature birth	86	3	2	3	2	3	6	4
160. Injury at birth	20	....	1	....	....	1	1	....
160A. With mention of caesarean operation	1	....	....	....	....	....	....	....
160B. Without mention of caesarean operation	19	....	1	....	....	1	1	....
161. Other diseases peculiar to early infancy (under 3 months)	13	....	....	1	....	....	2	....
161A. Atelectasis	4	....	....	1	....	....	....	....
161B. Icterus of the new-born	2	....	....	....	....	....	....	....
161D. Athrepsia	1	....	....	....	....	....	....	....
161E. Others, including lack of care	6	....	....	....	....	....	2	....
CLASS XVI.—SENILITY								
Total	35	4	....	....	1	1	....	....
162. Senility	35	4	....	....	1	1	....	....
162A. With senile dementia (70 years and over)	22	1	....	....	....	1	....	....
162B. Without senile dementia (70 years and over)	13	3	....	....	1	....	....	....
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS								
Total	198	11	7	18	9	11	....	5
163–171. Suicides	14	....	1	1	....	....	....	....
163. Suicide by solid or liquid poisons or by absorption of corrosive substances	2	....	1	....	....	....	....	....
165. Suicide by hanging or strangulation	4	....	....	1	....	....	....	....
166. Suicide by drowning	5	....	....	....	....	....	....	....
167. Suicide by firearms	3	....	....	....	....	....	....	....
173–175. Homicides	3	....	....	....	....	....	....	1
173. Homicide by firearms	1	....	....	....	....	....	....	....
175. Homicide by other means	2	....	....	....	....	....	....	1
176–198. Other violent deaths	181	11	6	17	9	11	....	4
178. Accidental absorption of toxic gases	2	....	....	....	....	....	....	....
179. Other acute accidental poisonings (except by gas)	2	1	....	....	....	....	....	....
180. Conflagration	1	....	....	....	....	....	....	....
181. Accidental burns (conflagration excepted)	6	....	1	1	....	....	....	....
182. Accidental mechanical suffocation	6	....	....	1	....	....	....	....
183. Accidental drowning	18	1	1	1	....	3	....	....
184. Accidental injury by firearms	1	....	....	....	....	....	....	....
185. Accidental injury by cutting or piercing instruments	3	....	....	....	....	....	....	....
186. Accidental injury by fall, crushing or landslide	128	8	3	12	8	7	....	4
188. Injuries by animals	1	....	....	....	....	1	....	....
191. Excessive heat	2	....	....	....	....	....	....	....
194. Other accidents	11	1	1	2	1	....	....	....
194B. Others under this title	11	1	1	2	1	....	....	....

5,000 TO 10,000 POPULATION IN THE PROVINCE OF ONTARIO, 1937—Continued

Fort Frances	Hawkesbury	Ingersoll	Kenora	Leamington	Lindsay	Midland	Mimico	New Toronto	Orillia	Port Colborne	Preston	Renfrew	Riverside	Simcoe	Smith's Falls	Swansea	Trenton	Waterloo	Weston	Whitby	
....	1	2	4	1	1	3	2	....	1	....	1	1	....	3	....	....	2	....	1	....	
....	1	2	4	1	1	3	2	....	1	....	1	1	....	3	....	....	2	....	1	....	157
....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	157A
....	1	....	1	1	....	1	1	....	....	....	1	....	....	1	....	....	....	....	1	....	157B
....	....	....	3	....	....	1	1	....	1	....	....	1	....	....	....	....	2	....	....	....	157C
....	....	2	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	157E
6	13	5	10	5	6	11	1	2	10	3	....	4	....	7	5	1	6	....	1	2	
....	4	....	1	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	158
4	4	5	4	3	5	7	. .	2	9	1	....	3	....	5	5	....	4	....	....	2	159
2	3	....	3	1	1	1	....	....	1	1	....	....	....	2	....	1	1	....	....	....	160
....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	160A
2	3	....	3	1	1	1	....	....	1	....	....	....	....	2	....	1	1	....	....	....	160B
....	2	....	2	....	....	3	1	....	....	....	....	1	....	....	....	....	1	....	....	....	161
....	....	....	....	....	....	2	....	....	....	....	....	1	....	....	....	....	....	....	....	....	161A
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	161B
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161D
....	1	....	2	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	161E
....	....	....	....	1	2	....	....	10	....	....	....	1	....	2	....	1	2	....	1	9	
....	....	....	....	1	2	....	....	10	....	....	....	1	....	2	....	1	2	....	1	9	162
....	....	....	....	....	....	....	....	9	....	....	....	....	....	2	....	1	....	....	....	8	162A
....	....	....	....	1	2	....	....	1	....	....	....	1	....	....	....	....	2	....	1	1	162B
6	5	8	7	4	16	11	2	10	11	8	4	9	1	14	3	1	10	1	2	4	
....	....	1	....	....	1	....	1	1	....	....	1	1	....	2	1	1	1	....	....	1	163–171
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	163
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	1	165
....	....	1	....	....	....	....	1	....	....	....	1	1	....	....	....	....	1	....	....	....	166
....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	167
1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	173–175
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	173
....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	175
5	5	7	7	4	15	11	1	9	11	8	3	7	1	12	2	....	9	1	2	3	176–198
....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	178
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	179
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	180
....	1	....	....	....	....	1	....	....	....	....	....	....	....	2	....	....	....	....	....	....	181
....	....	....	....	....	....	....	....	3	....	1	1	....	....	....	....	....	....	....	....	....	182
1	....	....	2	....	1	....	....	....	1	1	....	1	1	....	....	....	3	1	....	....	183
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	184
....	....	....	....	....	1	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	185
4	3	7	4	3	12	10	1	2	8	3	2	5	....	9	2	....	6	....	2	3	186
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	188
....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	191
....	....	...	....	1	1	....	....	1	....	1	....	1	....	1	....	....	....	....	....	....	194
....	....	....	....	1	1	....	....	1	....	1	....	1	....	1	....	....	....	....	....	....	194B

TABLE 40—CAUSES OF DEATH FOR TOWNS AND VILLAGES OF

CAUSE OF DEATH	Total	Barrie	Brampton	Brockville	Cobourg	Collingwood	Eastview	Fort Erie
CLASS XVIII.—ILL-DEFINED CAUSES OF DEATH								
Total	2	1	....	....	....	....	....	....
199. Sudden death	2	1	....	....	....	....	....	....

SPECIAL CLASSES OF ACCIDENTAL DEATHS FOR

(Included also under the numbers

ONTARIO,

	Total	Barrie	Brampton	Brockville	Cobourg	Collingwood	Eastview	Fort Erie
B. Accidents caused by machines	5	....	....	....	....	....	....	....
C. Railway accidents	3	....	....	....	....	....	....	1
E. Automobile and motorcycle accidents	51	3	2	3	4	3	....	1
F. Other land transportation	2	1	....	....	....	....	....	....
G. Water transportation	4	....	....	1	....	....	....	....
H. Air transportation	4	....	....	1	....	....	....	....

5,000 TO 10,000 POPULATION IN THE PROVINCE OF ONTARIO, 1937—Continued

Fort Frances	Hawkesbury	Ingersoll	Kenora	Leamington	Lindsay	Midland	Mimico	New Toronto	Orillia	Port Colborne	Preston	Renfrew	Riverside	Simcoe	Smith's Falls	Swansea	Trenton	Waterloo	Weston	Whitby	
....	....	....	....	....	....	....	....	....	....	....	....	....	...	....	1	....	....	....	....	....	
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	199

TOWNS AND VILLAGES OF 5,000 TO 10,000 POPULATION

of the International List above)

1937

1	....	....	1	....	1	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	B
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	C
1	2	4	....	3	3	2	1	1	4	3	1	1	....	6	....	....	1	....	1	1	E
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	F
....	....	....	2	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	G
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	....	....	H

TABLE 41—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES

CAUSES OF DEATH	Total	Belleville	Brantford	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston	Kirkland Lake
DEATHS—ALL CAUSES. **Total**	**19,298**	**235**	**393**	**318**	**269**	**42**	**225**	**169**	**236**	**1641**	**473**	**133**
CLASS I.—INFECTIOUS AND PARASITIC DISEASES												
Total	1,477	16	28	30	31	4	38	8	21	98	45	18
1. Typhoid fever	15	2	....	....	2	....	....	....	....	....	....	....
2. Paratyphoid fever	1	....	....	....	....	....	....	....	1	....	....	....
5. Undulant fever	3	....	....	....	....	....	....	....	....	....	....	....
7. Measles	14	....	2	....	....	....	1	2	....	....	....	....
8. Scarlet fever	31	....	1	....	....	....	....	....	3	....	....	....
9. Whooping-cough	39	....	1	....	5	....	....	....	....	1	1	1
10. Diphtheria	15	....	....	....	3	....	....	....	....	2	....	....
11. Influenza	572	8	14	19	10	3	8	2	12	45	17	3
11A. Sole cause	17	....	....	....	....	....	....	....	....	....	1	....
11B. With bronchitis	23	....	....	....	....	1	....	....	1	....	....	1
11C. With pneumonia	367	4	8	16	7	1	3	1	8	33	14	2
11D. With other diseases of the respiratory system	22	....	....	1	....	....	2	....	....	1	....	....
11E. With intestinal complications	15	....	1	....	....	....	....	....	1	....	2	....
11F. With other causes	128	4	5	2	3	1	3	1	2	11	....	....
13. Dysentery	20	....	....	1	....	....	....	....	....	1	....	....
15. Erysipelas	29	....	1	....	....	....	....	....	....	1	....	....
16. Poliomyelitis and polioencephalitis (acute)	85	....	1	....	....	....	....	....	....	8	....	....
17. Lethargic or epidemic encephalitis	12	....	2	....	....	....	....	....	....	....	....	....
18. Epidemic cerebrospinal meningitis	14	....	....	....	1	....	....	....	1	1	....	1
22. Tetanus	13	....	....	2	1	....	....	....	....	2	....	....
23-32. Tuberculosis	441	4	5	6	7	....	23	2	4	22	23	11
23. Tuberculosis of the respiratory system	350	3	3	5	4	....	19	2	2	17	19	6
24. Tuberculosis of the meninges and central nervous system	40	1	1	1	2	....	....	....	2	....	2	4
25. Tuberculosis of the intestines and peritoneum	16	....	....	....	1	....	2	....	....	1	....	1
26. Tuberculosis of the vertebral column	5	....	....	....	....	....	1	....	....	....	1	....
27. Tuberculosis of the bones and joints (vertebral column excepted)	5	....	....	....	....	....	....	....	....	1	....	....
27B. Of joints	5	....	....	....	....	....	....	....	....	1	....	....
28. Tuberculosis of the skin and sub-cutaneous cellular tissue	1	....	....	....	....	....	....	....	....	....	....	....
30. Tuberculosis of the genito-urinary system	7	....	....	....	....	....	....	....	....	2	....	....
31. Tuberculosis of other organs	2	....	....	....	....	....	....	....	....	1	....	....
32. Disseminated tuberculosis	15	....	1	....	....	....	1	....	....	....	1	....
32A. Acute	8	....	....	....	....	....	1	....	....	....	1	....
32C. Not specified	7	....	1	....	....	....	....	....	....	....	....	....
34. Syphilis	125	1	1	2	2	....	6	1	....	10	2	1
35. Gonococcus infection and other venereal diseases	4	....	....	....	....	....	....	....	....	....	....	....
36. Purulent infection, septicaemia (non-puerperal)	19	1	....	....	....	....	....	1	....	4	1	....
38. Malaria	1	....	....	....	....	....	....	....	....	....	....	....
39. Other diseases due to protozoal parasites	1	....	....	....	....	....	....	....	....	....	....	....
41. Hydatid cysts	1	....	....	....	....	....	....	....	....	....	....	....
41A. Of the liver	1	....	....	....	....	....	....	....	....	....	....	....
43. Mycoses	10	....	....	....	....	1	....	....	....	....	....	1
44. Other infectious or parasitic diseases	12	....	....	....	....	....	....	....	....	1	1	....
44A. Chicken-pox	3	....	....	....	....	....	....	....	....	1	....	....
44C. Others under this title	9	....	....	....	....	....	....	....	....	....	1	....
CLASS II.—CANCER AND OTHER TUMOURS												
Total	2,856	23	56	36	18	9	39	27	36	272	78	3
45-53. Cancer and other malignant tumours	2,650	17	47	33	18	9	38	25	34	256	70	3
45. Cancer of the buccal cavity and pharynx	104	....	2	2	1	....	1	2	....	6	3	....
46. Cancer of the digestive tract and peritoneum	1,278	7	19	16	12	3	21	14	25	128	37	3
46A. Of the oesophagus	52	....	1	2	1	....	1	....	1	3	2	....
46B. Of the stomach and duodenum	458	1	4	7	5	....	11	3	9	43	14	2
46C. Of the rectum	166	2	5	3	1	1	3	2	4	17	6	....
46D. Of the liver and biliary ducts	146	....	1	1	2	....	1	1	2	17	2	....
46E. Of the pancreas	103	....	1	1	....	2	3	1	....	6	2	1
46F. Of the peritoneum	11	....	....	....	....	....	....	....	....	1	1	....
46G. Of other organs	342	4	7	2	3	....	2	7	9	41	10	....
47. Cancer of the respiratory organs	142	1	2	....	....	1	2	1	1	11	5	....
47A. Of the larynx	35	....	....	....	....	....	1	1	....	3	3	....
47B. Of the lung	84	1	2	....	....	1	1	....	....	8	2	....
47C. Of the mediastinum	6	....	....	....	....	....	....	....	....	....	....	....
47D. Of other organs of the respiratory system	17	....	....	....	....	....	....	....	1	....	....	....
48. Cancer of the uterus	219	2	4	4	....	1	2	3	1	17	4	....

OF 10,000 POPULATION AND OVER—ONTARIO, 1937

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
391	1081	209	188	236	1870	206	168	361	221	322	268	236	262	222	313	219	7049	172	979	191	
26	75	20	18	28	198	12	17	24	13	32	14	23	23	17	35	40	402	18	95	10	
....	1	....	1	....	2	....	....	1	....	....	1	....	....	....	....	2	2	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2
....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	1	....	5
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	8	....	....	....	7
....	2	....	....	....	3	....	....	....	....	3	....	....	2	....	1	2	11	1	2	....	8
....	4	1	....	....	5	....	....	....	....	....	....	1	3	....	4	4	5	1	1	1	9
....	....	....	....	....	3	....	....	....	....	2	....	....	....	....	....	1	....	....	4	....	10
17	29	12	11	15	62	8	12	9	5	20	8	13	9	9	9	9	121	14	33	6	11
3	2	....	....	1	3	....	1	....	1	2	....	....	....	....	....	....	3	....	....	....	11A
....	1	1	2	....	....	....	....	....	1	....	....	2	....	....	....	1	7	2	2	1	11B
8	17	8	9	11	38	3	6	7	2	15	5	7	7	5	6	5	75	6	26	4	11C
....	....	....	....	1	3	1	....	....	....	....	1	1	....	....	1	1	8	....	1	....	11D
....	2	....	....	....	....	....	1	....	....	....	....	2	....	....	....	....	4	1	1	....	11E
6	7	3	....	2	18	4	4	2	1	3	2	1	2	4	2	2	24	5	3	1	11F
....	4	....	1	1	1	....	....	....	....	1	....	....	....	....	....	5	3	....	2	....	13
1	....	1	1	1	6	1	....	1	1	....	....	....	....	....	1	1	12	....	....	....	15
....	9	1	....	....	2	....	....	....	....	1	....	....	....	1	1	....	59	....	2	....	16
1	4	1	....	1	....	....	....	1	....	....	....	....	....	....	....	1	1	....	....	....	17
....	....	1	....	....	2	....	....	....	....	....	....	....	....	1	1	1	4	....	....	....	18
....	1	....	1	....	....	....	....	1	....	....	....	....	....	....	2	....	3	....	....	....	22
4	13	2	2	8	96	2	5	7	4	1	3	3	6	5	9	14	111	2	37	....	23–32
4	8	2	1	6	81	2	3	6	2	1	3	1	4	4	7	12	87	2	34	....	23
....	2	....	1	....	8	....	....	1	....	....	....	1	2	....	2	1	8	....	1	....	24
....	1	....	....	1	2	....	....	....	....	....	....	....	....	....	....	....	6	....	1	....	25
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	26
....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	1	....	27
....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	1	....	27B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	28
....	....	....	....	....	....	....	2	....	....	....	....	....	....	1	....	....	2	....	....	....	30
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	31
....	1	....	....	1	4	....	....	....	2	....	....	....	....	....	....	....	4	....	....	....	32
....	....	....	....	1	3	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	32A
....	1	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	3	....	....	....	32C
....	7	1	1	1	12	....	....	2	1	2	2	3	1	....	7	....	47	....	10	2	34
1	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	1	....	....	....	35
....	....	....	....	....	1	....	....	1	....	2	....	1	2	....	....	....	5	....	....	....	36
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	38
....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	39
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	41
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	41A
....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	5	....	....	1	43
2	....	....	....	....	2	....	....	....	....	....	....	1	....	....	....	....	4	....	1	....	44
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	44A
2	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	4	....	....	....	44C
65	160	26	20	24	273	21	21	43	27	39	51	26	39	27	22	10	1187	23	135	20	
58	151	26	20	22	251	21	19	38	23	36	43	25	34	24	19	10	1109	22	129	20	45–53
1	7	4	1	1	15	....	1	....	1	2	1	1	....	1	....	....	42	1	7	1	45
27	74	11	8	8	129	12	12	20	10	16	24	13	19	11	11	8	506	8	54	12	46
1	2	1	....	....	5	1	....	....	....	1	1	1	....	1	....	....	26	....	1	....	46A
13	24	4	2	2	51	3	6	8	6	8	8	3	9	5	8	6	169	4	13	7	46B
2	12	1	1	2	12	2	1	3	....	1	6	4	2	2	1	....	64	....	6	....	46C
4	8	....	1	1	12	2	2	3	2	1	1	....	3	....	....	1	61	1	13	3	46D
....	8	....	....	....	17	....	2	1	1	....	4	1	....	....	....	....	46	1	5	....	46E
....	....	....	....	....	2	....	....	....	....	....	....	1	....	....	....	....	6	....	....	....	46F
7	20	5	4	3	30	4	1	5	1	5	4	3	5	3	2	1	134	2	16	2	46G
3	7	1	1	....	9	....	....	3	1	3	2	3	5	2	1	....	68	1	8	....	47
1	4	1	....	....	2	....	....	....	....	1	1	1	1	....	....	....	12	1	2	....	47A
2	3	....	1	....	5	....	....	3	1	2	1	2	4	2	1	....	37	....	5	....	47B
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	5	....	....	....	47C
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	14	....	1	....	47D
3	19	6	1	2	12	2	....	4	3	2	5	4	3	3	2	....	95	3	11	1	48

TABLE 41—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES

CAUSES OF DEATH	Total	Belleville	Brantford	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston	Kirkland Lake
48A. Of the uterus	121	....	2	2	....	....	2	3	1	11	2	....
48B. Of the cervix uteri	98	2	2	2	....	1	....	....	....	6	2	....
49. Cancer of other female genital organs	95	....	2	....	2	....	....	....	3	11	4	....
50. Cancer of the breast	278	3	7	1	2	....	8	3	1	33	7	....
51. Cancer of the male genito-urinary organs	245	2	6	2	1	1	1	2	1	27	6	....
51A. Of the bladder	86	....	1	1	....	1	....	1	....	7	2	....
51B. Of the kidney	24	....	2	....	1	....	....	....	....	2	....	....
51C. Of the prostate gland	120	1	3	1	....	....	1	....	1	17	4	....
51D. Of the testicles and annexa	11	1	....	....	....	....	....	1	....	....	....	....
51E. Of other male genito-urinary organs	4	....	....	....	....	....	....	....	....	....	1	....
52. Cancer of the skin	44	....	1	2	....	....	....	....	....	4	2	....
53. Cancer of other or unspecified organs	245	2	4	6	....	3	3	....	2	19	2	....
53A. Of the eye and orbit	5	....	....	....	....	....	....	....	....	....	....	....
53B. Of the circulatory system	3	....	....	....	....	....	....	....	....	....	....	....
53C. Of the glandular system	40	....	....	2	....	....	1	....	....	4	1	....
53D. Of the female urinary organs	41	1	1	2	....	....	1	....	1	4	....	....
53E. Of the bones and joints	32	....	1	....	....	....	1	....	....	....	....	....
53F. Of the brain	53	....	2	....	....	2	....	....	....	4	....	....
53G. Of the spine and spinal cord	10	....	....	....	....	....	....	....	....	1	....	....
53H. Of the neck	6	....	....	....	....	....	....	....	....	....	....	....
53I. Of the abdomen	20	....	....	....	....	....	....	....	....	2	....	....
53J. Of other specified organs	16	....	....	2	....	....	....	....	1	2	1	....
53K. Multiple cancer	17	1	....	....	....	1	....	....	....	1	....	....
53M. Of unspecified or unknown location	2	....	....	....	....	....	....	....	....	1	....	....
54. Non-malignant tumours	189	6	8	3	....	....	1	2	2	14	8	....
54A. Of the ovary	20	1	....	....	....	....	....	1	....	1	....	....
54B. Of the uterus	38	2	2	1	....	....	....	....	1	4	....	....
54C. Of other female genital organs	1	....	....	....	....	....	....	....	....	....	....	....
54D. Of the brain	28	....	3	....	....	....	....	....	....	2	3	....
54E. Of the thyroid gland	42	....	2	....	....	....	1	1	....	1	4	....
54F. Of the prostate gland	35	3	1	1	....	....	....	....	....	2	....	....
54G. Of other or unspecified sites	25	....	....	1	....	....	....	....	1	4	1	....
55. Tumours, nature not specified	17	....	1	....	....	....	....	....	....	2	....	....
55D. Of the brain	7	....	....	....	....	....	....	....	....	1	....	....
55G. Of other or unspecified sites	10	....	1	....	....	....	....	....	....	1	....	....
CLASS III.—RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS AND OTHER GENERAL DISEASES												
Total	635	7	6	13	16	....	10	5	12	50	20	5
56. Acute rheumatic fever	109	1	1	1	2	....	1	....	1	8	2	1
57. Chronic rheumatism, osteo-arthritis	18	....	....	1	....	....	....	....	....	2	....	....
59. Diabetes mellitus	314	4	3	7	10	....	8	4	8	27	8	2
60. Scurvy	2	....	....	....	....	....	....	....	....	....	....	....
63. Rickets	5	1	....	1	....	....	....	....	....	....	....	....
65. Diseases of the pituitary gland	1	....	1	....	....	....	....	....	....	....	....	....
66. Diseases of the thyroid and parathyroid glands	129	....	....	2	3	....	1	1	2	9	6	....
66A. Simple goitre	11	....	....	....	....	....	1	....	....	....	1	....
66B. Exophthalmic goitre	103	....	....	2	3	....	....	1	1	9	4	....
66C. Myxoedema, cretinism	4	....	....	....	....	....	....	....	....	....	....	....
66D. Tetany	7	....	....	....	....	....	....	....	....	....	1	....
66E. Others under this title	4	....	....	....	....	....	....	....	1	....	....	....
67. Diseases of the thymus gland	32	....	....	1	....	....	....	....	1	....	4	2
68. Diseases of the adrenals (Addison's disease)	8	....	....	....	1	....	....	....	....	2	....	....
69. Other general diseases	17	1	1	....	....	....	....	....	....	2	....	....
69A. Fatty or amyloid degeneration	10	1	....	....	....	....	....	....	....	2	....	....
69B. Steatosis	1	....	....	....	....	....	....	....	....	....	....	....
69C. Others under this title	6	....	1	....	....	....	....	....	....	....	....	....
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS												
Total	267	2	3	7	3	1	3	2	2	18	5	1
70. Haemorrhagic conditions	11	....	....	1	....	....	1	....	....	....	1	....
70A. Simple purpura	9	....	....	1	....	....	1	....	....	....	....	....
70B. Haemophilia	2	....	....	....	....	....	....	....	....	....	1	....
71. Anaemia	126	1	1	4	2	....	1	2	1	8	1	1
71A. Pernicious anaemia	122	1	1	4	2	....	1	1	1	8	1	1
71B. Others under this title	4	....	....	....	....	....	....	1	....	....	....	....
72. Leukaemia and aleukaemia	108	1	2	1	1	1	1	....	1	9	1	....
72A. Leukaemia	82	1	2	1	....	1	1	....	1	5	1	....
72B. Aleukaemia (Hodgkin's disease)	26	....	....	....	1	....	....	....	....	4	....	....
73. Diseases of the spleen	15	....	....	....	....	....	....	....	....	....	1	....
74. Other diseases of the blood and blood-forming organs	7	....	....	1	....	....	....	....	....	1	1	....

OF 10,000 POPULATION AND OVER—ONTARIO, 1937—Continued

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Sudbury	Stratford	Timmins	Toronto	Welland	Windsor	Woodstock	
2	11	3	....	1	9	1	....	1	1	2	5	2	3	3	2	....	44	2	5	1	48A
1	8	3	1	1	3	1	....	3	2	....	....	2	....	....	....	....	51	1	6	....	48B
1	3	....	1	....	11	1	1	1	2	1	....	....	1	....	....	1	42	1	4	2	49
7	15	2	3	4	25	2	3	1	1	2	3	....	2	1	1	....	119	1	20	1	50
10	11	2	2	2	19	1	1	3	....	4	5	3	2	3	3	....	102	2	19	2	51
1	2	1	1	....	4	....	....	1	....	1	1	1	....	2	....	....	48	....	9	1	51A
....	....	....	....	....	2	....	....	1	....	....	....	....	1	....	....	....	13	....	2	....	51B
9	6	1	1	2	10	1	1	1	....	3	3	2	1	1	3	....	38	2	7	....	51C
....	3	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	2	....	1	1	51D
....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	51E
....	....	....	....	....	6	....	....	2	....	1	....	....	....	....	....	....	23	2	1	....	52
6	15	....	3	5	25	3	1	4	5	5	3	1	2	3	1	1	112	3	5	1	53
....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	2	1	....	....	53A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	....	....	53B
4	4	....	....	....	5	2	....	1	1	1	....	1	....	....	....	....	12	....	....	1	53C
....	2	....	1	1	2	....	....	....	....	1	....	....	2	....	....	1	18	....	3	....	53D
2	1	....	1	....	4	1	....	....	1	1	2	....	....	2	....	....	14	....	1	....	53E
....	3	....	....	1	4	....	....	....	1	1	1	....	....	....	1	....	31	1	1	....	53F
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	8	....	....	....	53G
....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	3	1	....	....	53H
....	1	....	1	3	3	....	1	1	....	1	....	....	....	....	....	....	7	....	....	....	53I
....	1	....	....	....	2	....	....	2	....	....	....	....	....	....	....	....	5	....	....	....	53J
....	1	....	....	....	3	....	....	....	1	....	....	....	....	....	....	....	9	....	....	....	53K
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	53M
6	8	....	....	1	22	....	2	4	4	3	8	1	5	1	3	....	70	1	6	....	54
....	1	....	....	1	1	....	....	....	1	2	1	....	....	....	2	....	6	....	2	....	54A
3	2	....	....	....	4	....	1	1	1	....	2	1	2	....	....	....	10	....	1	....	54B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	54C
....	1	....	....	....	1	....	....	....	1	....	....	....	....	1	....	....	15	....	1	....	54D
2	1	....	....	....	8	....	1	2	....	....	5	....	2	....	....	....	9	1	2	....	54E
1	1	....	....	....	5	....	....	1	1	....	....	....	....	....	....	....	19	....	....	....	54F
....	2	....	....	....	3	....	....	....	....	1	....	....	1	....	....	....	11	....	....	....	54G
1	1	....	....	1	....	....	....	1	....	....	....	....	....	2	....	....	8	....	....	....	55
1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	....	....	....	55D
....	....	....	....	1	....	....	....	1	....	....	....	....	....	2	....	....	4	....	....	....	55G
16	19	5	4	10	54	11	5	7	10	12	8	7	11	8	14	10	235	7	37	1	
....	2	....	1	1	8	1	....	....	3	2	1	1	3	....	7	....	54	1	6	....	56
....	....	....	....	....	4	....	....	....	....	2	....	....	....	....	....	....	9	....	....	....	57
8	12	4	1	6	27	5	3	3	6	3	7	....	1	7	5	1	112	3	18	1	59
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	60
....	....	....	....	....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	63
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	65
7	3	1	1	1	7	5	1	2	1	5	....	5	6	1	1	5	45	2	6	....	66
1	....	....	....	1	....	1	....	....	....	....	....	....	1	....	....	1	4	....	....	....	66A
5	3	1	1	....	5	4	1	2	1	5	....	4	5	1	1	2	38	....	4	....	66B
....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	1	1	....	....	66C
1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	1	1	1	....	66D
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	66E
1	1	....	....	1	3	....	1	2	....	....	....	....	....	....	....	1	7	....	7	....	67
....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	2	1	....	....	68
....	1	....	1	1	2	....	....	....	....	....	....	....	....	....	1	3	4	....	....	....	69
....	1	....	....	1	2	....	....	....	....	....	....	....	....	....	1	1	1	....	....	....	69A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	69B
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	2	2	....	....	....	69C
5	11	4	2	3	23	5	2	2	4	1	6	8	4	3	3	1	114	2	12	5	
....	....	....	....	....	3	....	....	....	....	....	....	1	....	....	....	1	3	....	....	....	70
....	....	....	....	....	3	....	....	....	....	....	....	1	....	....	....	1	2	....	....	....	70A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	70B
3	6	2	1	1	10	2	2	1	1	....	5	7	3	2	1	....	47	1	5	4	71
3	6	2	1	1	10	2	2	1	1	....	4	7	3	2	1	....	45	1	5	4	71A
....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	2	....	....	....	71B
2	3	2	....	2	9	3	....	1	3	1	1	....	1	....	1	....	54	1	5	1	72
1	2	2	....	1	8	1	....	1	1	....	....	....	1	....	1	....	43	1	5	1	72A
1	1	....	....	1	1	2	....	....	2	1	1	....	....	....	....	....	11	....	....	....	72B
....	2	....	1	....	1	....	....	....	....	....	....	....	....	1	1	....	7	....	1	....	73
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	1	....	74

TABLE 41—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES

CAUSES OF DEATH	Total	Belleville	Brantford	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston	Kirkland Lake
CLASS V.—CHRONIC POISONINGS AND INTOXICATIONS												
Total	49	1	1	1	....	....	1	....	....	6	1	2
75. Alcoholism	42	1	1	1	....	....	1	....	....	6	1	2
75A. Delirium tremens	3	1	....	....	....	....	....	....	....	....	....	....
75B. Other alcoholic intoxications	39	....	1	1	....	....	1	....	....	6	1	2
76. Chronic poisoning, by other organic substances	5	....	....	....	....	....	....	....	....	....	....	....
76A. Chronic morphinism	3	....	....	....	....	....	....	....	....	....	....	....
76D. Other organic poisoning	2	....	....	....	....	....	....	....	....	....	....	....
77. Chronic poisoning by mineral substances	2	....	....	....	....	....	....	....	....	....	....	....
77A. Lead (including occupational)	1	....	....	....	....	....	....	....	....	....	....	....
77C. Others under this title	1	....	....	....	....	....	....	....	....	....	....	....
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE												
Total	786	8	15	3	9	2	3	9	10	57	18	6
78. Encephalitis (non-epidemic)	17	....	1	....	....	....	....	....	....	1	1	....
79. Simple meningitis	33	....	....	....	1	....	....	....	1	5	2	2
80. Progressive locomor ataxia (tabes dorsalis)	13	....	1	....	....	....	....	....	....	2	1	....
81. Other diseases of the spinal cord	44	....	....	1	....	....	1	1	....	2	1	....
82. Cerebral haemorrhage, cerebral embolism and thrombosis	344	6	6	1	5	2	1	5	4	28	6	....
82A. Cerebral haemorrhage	274	6	4	1	4	2	1	2	4	22	4	....
82B. Cerebral embolism and thrombosis	40	....	2	....	1	....	....	....	....	4	2	....
82C. Softening of the brain	3	....	....	....	....	....	....	....	....	....	....	....
82D. Hemiplegia and other paralysis, cause not specified	27	....	....	....	....	....	....	3	....	2	....	....
83. General paralysis of the insane	35	....	1	....	....	....	....	....	....	....	2	....
84. Dementia praecox and other psychoses	41	....	....	....	....	....	....	1	1	....	....	....
84A. Dementia praecox	25	....	....	....	....	....	....	....	....	....	....	....
84B. Other psychoses	16	....	....	....	....	....	....	1	1	....	....	....
85. Epilepsy	38	....	....	....	....	....	....	1	....	1	2	....
86. Convulsions (under 5 years of age)	12	....	....	1	....	....	....	....	....	2	1	1
87. Other diseases of the nervous system	124	....	2	....	2	....	....	1	1	8	1	1
87A. Chorea	2	....	1	....	....	....	....	....	....	....	....	....
87B. Neuralgia and neuritis	8	....	....	....	1	....	....	....	....	....	....	....
87C. Paralysis agitans	48	....	1	....	....	....	....	1	....	5	....	....
87D. Sclerosis (other than of the spinal cord)	45	....	....	....	1	....	....	....	....	2	....	1
87E. Others under this title	21	....	....	....	....	....	....	....	1	1	1	....
88. Diseases of the organs of vision	12	....	....	....	....	....	1	....	1	1	....	....
89. Diseases of the ear and mastoid process	73	2	4	....	1	....	....	....	2	7	1	2
89A. Otitis	34	1	2	....	1	....	....	....	1	4	1	....
89B. Diseases of the mastoid process	39	1	2	....	....	....	....	....	1	3	....	2
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM												
Total	5,721	67	138	98	47	16	45	52	68	547	126	18
90-95. Diseases of the heart	3,473	30	97	54	24	14	34	31	32	295	63	12
90. Pericarditis	6	....	....	....	....	....	....	....	....	....	....	....
91. Acute endocarditis	47	....	1	....	2	....	....	1	....	2	....	1
91A. Endocarditis, specified as acute	38	....	1	....	1	....	....	....	....	2	....	1
91B. Endocarditis, unspecified (under 45 years of age)	9	....	....	....	1	....	....	1	....	....	....	....
92. Chronic endocarditis, valvular diseases	383	2	13	16	3	1	5	4	6	29	6	2
92A. Endocarditis specified as chronic and other valvular diseases	332	2	10	15	3	1	4	4	4	27	6	2
92B. Endocarditis, unspecified (45 years and over)	51	....	3	1	....	....	1	....	2	2	....	....
93. Diseases of the myocardium	1,040	10	35	15	7	3	4	12	8	89	19	4
93A. Acute myocarditis	46	....	1	1	....	....	....	1	....	3	1	....
93B. Myocarditis, unspecified (under 45 years of age)	24	1	....	....	....	....	....	....	....	5	2	1
93C. Chronic myocarditis and myocardial degeneration	630	6	24	6	2	3	3	5	5	40	12	2
93D. Myocarditis, unspecified (45 years and over)	340	3	10	8	5	....	1	6	3	41	4	1
94. Diseases of the coronary arteries and angina pectoris	1,831	16	42	18	12	10	25	12	17	165	33	4
94A. Diseases of the coronary arteries	67	....	2	....	....	....	3	....	....	4	2	....
94B. Embolism and thrombosis of the coronary arteries	1,540	13	37	16	12	7	20	10	14	146	29	4
94C. Angina pectoris	224	3	3	2	....	3	2	2	3	15	2	....
95. Other diseases of the heart	166	2	6	5	....	....	....	2	1	10	5	1
95A. Functional diseases of the heart	38	1	1	....	....	....	....	....	....	2	....	....
95B. Other and unspecified	128	1	5	5	....	....	....	2	1	8	5	1

OF 10,000 POPULATION AND OVER—ONTARIO, 1937—Continued

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
....	6	1	....	....	1	....	2	....	....	....	1	....	....	....	2	1	19	2	1	....	
....	3	1	....	....	....	....	2	....	....	....	1	....	....	....	2	1	16	2	1	....	75
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	75A
....	3	1	....	....	....	....	1	....	....	....	1	....	....	....	2	1	15	2	1	....	75B
....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	76
....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	76A
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	76D
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	77
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	77A
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	77C
12	58	4	5	7	82	6	5	10	12	14	10	13	10	15	7	6	324	1	29	16	
1	2	....	....	....	1	....	....	....	....	....	....	....	....	1	1	....	5	....	3	....	78
1	1	....	....	....	3	1	1	....	....	2	....	....	1	....	1	....	9	1	1	....	79
....	....	....	....	....	3	....	....	....	1	....	....	....	....	....	....	1	4	....	....	....	80
1	5	1	....	....	5	....	....	....	....	....	....	2	1	2	....	....	16	....	5	....	81
6	12	1	1	6	40	1	4	6	8	8	7	6	2	7	2	3	144	....	9	7	82
5	11	....	1	4	23	1	4	5	8	8	5	6	2	6	1	2	118	....	8	6	82A
....	1	1	....	....	8	....	....	1	....	....	1	....	....	1	....	1	16	....	1	....	82B
....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	82C
1	....	....	....	2	7	....	....	....	....	....	1	....	....	....	1	....	9	....	....	1	82D
....	13	....	1	1	....	....	....	....	1	1	....	....	....	....	1	....	14	....	....	....	83
....	14	....	....	....	2	....	....	....	....	....	....	1	....	1	....	1	20	....	....	....	84
....	9	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	15	....	....	....	84A
....	5	....	....	....	2	....	....	....	....	....	....	1	....	1	....	....	5	....	....	....	84B
....	2	1	1	....	3	1	....	2	....	1	1	1	3	1	....	....	12	....	2	3	85
....	1	....	....	....	2	....	....	....	....	....	....	....	....	....	....	1	3	....	....	....	86
2	8	1	1	....	12	3	....	1	....	1	2	3	2	3	....	....	63	....	1	5	87
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	87A
....	....	....	....	....	1	....	....	....	....	....	....	....	1	1	....	....	4	....	....	....	87B
1	1	1	1	....	4	2	....	1	....	1	....	....	1	1	....	....	27	....	....	....	87C
1	2	....	....	....	6	1	....	....	....	....	1	1	....	1	....	....	22	....	1	5	87D
....	5	....	....	....	1	....	....	....	....	....	1	2	....	....	....	....	9	....	....	....	87E
....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	6	....	....	1	88
1	....	....	1	....	10	....	....	1	2	1	....	....	....	....	2	....	28	....	8	....	89
....	....	....	....	....	4	....	....	....	....	....	....	....	....	....	2	....	14	....	4	....	89A
1	....	....	1	....	6	....	....	1	2	1	....	....	....	....	....	....	14	....	4	....	89B
106	342	62	57	64	517	62	37	109	51	88	87	69	61	57	51	24	2305	45	240	65	
66	221	33	35	37	317	35	24	60	29	48	60	41	44	42	33	16	1450	20	134	42	90–95
....	1	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	3	....	....	....	90
1	2	....	1	....	5	....	....	....	....	1	1	....	2	....	1	....	19	2	3	2	91
....	2	....	....	....	4	....	....	....	....	1	1	....	2	....	1	....	17	1	3	1	91A
1	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	2	1	....	1	91B
6	8	4	5	6	30	3	9	8	4	7	....	6	7	9	7	4	150	4	14	5	92
3	7	4	5	6	23	3	7	7	3	6	...	4	4	8	5	4	135	4	11	5	92A
3	1	....	....	....	7	....	2	1	1	1	....	2	3	1	2	....	15	....	3	....	92B
24	80	5	5	8	126	12	9	23	4	13	21	13	19	22	9	3	382	5	34	17	93
1	9	....	1	....	3	....	....	3	....	1	....	1	....	....	1	....	17	....	1	1	93A
....	....	1	....	1	1	....	....	....	....	....	....	....	5	1	2	1	1	....	2	....	93B
8	53	2	3	4	77	5	6	11	4	5	13	10	10	3	4	2	271	4	17	10	93C
15	18	2	1	3	45	7	3	9	....	7	8	2	4	18	2	....	93	1	14	6	93D
31	107	23	23	21	141	17	3	25	20	27	35	16	14	7	16	8	850	8	71	14	94
1	7	....	....	....	2	....	....	....	8	2	3	....	....	....	....	2	26	....	4	1	94A
24	75	20	20	16	114	14	2	22	12	21	29	12	7	5	15	6	744	8	58	8	94B
6	25	3	3	5	25	3	1	3	....	4	3	4	7	2	1	....	80	....	9	5	94C
4	23	1	1	2	15	3	2	4	1	....	3	6	1	4	....	1	46	1	12	4	95
1	9	....	....	1	....	....	1	....	1	....	2	4	....	1	....	....	11	....	3	....	95A
3	14	1	1	1	15	3	1	4	....	....	1	2	1	3	....	1	35	1	9	4	95B

TABLE 41—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES

CAUSES OF DEATH	Total	Belleville	Brantford	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston	Kirkland Lake
96. Aneurysm (except of the heart)	51	....	....	1	....	....	....	....	1	10	....	....
97. Arteriosclerosis (of coronary arteries excepted)	1,695	28	38	31	19	1	11	19	32	203	55	3
98. Gangrene	55	1	....	1	2	....	....	....	....	2	1	....
99. Other diseases of the arteries	26	1	1	....	1	....	....	....	....	2	1	....
100. Diseases of the veins (varices, haemorrhoids, phlebitis, etc.)	33	1	....	1	....	....	....	....	....	1	....	....
101. Diseases of the lymphatic system (lymphangitis, etc.)	9	....	....	....	....	....	....	....	....	....	1	....
102. Idiopathic abnormalities of blood pressure	376	6	2	10	....	1	....	2	3	34	5	3
103. Other diseases of the circulatory system	3	....	....	....	1	....	....	....	....	....	....	....
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM												
Total	1,676	18	23	21	26	4	15	9	12	157	25	17
104. Diseases of the nasal fossae and annexa	28	1	....	1	1	....	....	....	....	2	....	1
105. Diseases of the larynx	8	....	....	2	....	....	....	....	....	....	1	....
105A. Croup	1	....	....	1	....	....	....	....	....	....	....	....
105B. Other diseases of the larynx	7	....	....	1	....	....	....	....	....	....	1	....
106. Bronchitis	41	....	....	....	1	....	....	....	....	5	1	....
106A. Acute	17	....	....	....	1	....	....	....	....	1	1	....
106B. Chronic	15	....	....	....	....	....	....	....	....	3	....	....
106C. Unspecified	9	....	....	....	....	....	....	....	....	1	....	....
107. Bronchopneumonia	736	5	13	6	16	1	1	5	6	75	8	3
107A. Bronchopneumonia	733	5	13	6	16	1	1	5	6	75	8	3
107B. Capillary bronchitis	3	....	....	....	....	....	....	....	....	....	....	....
108. Lobar pneumonia	536	7	5	6	5	2	10	3	3	49	8	4
109. Pneumonia, unspecified	107	2	3	3	....	....	....	1	....	12	2	4
110. Pleurisy	63	1	....	2	1	....	2	....	....	5	....	2
111. Congestion and haemorrhagic infarct of the lung, etc.	30	....	....	....	....	....	....	....	1	2	1	....
111A. Pulmonary embolism and thrombosis	1	....	....	....	....	....	....	....	....	....	....	....
111B. Others under this title	29	....	....	....	....	....	....	....	1	2	1	....
112. Asthma	96	....	2	....	2	1	1	....	2	5	4	2
113. Pulmonary emphysema	3	....	....	....	....	....	....	....	....	....	....	....
114. Other diseases of the respiratory system (tuberculosis excepted)	28	2	....	1	....	....	1	....	....	2	....	1
114A. Chronic interstitial pneumonia including occupational diseases of the respiratory system	7	....	....	1	....	....	....	....	....	....	....	1
114C. Others under this title	21	2	....	....	....	....	1	....	....	2	....	....
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM												
Total	1,530	33	27	31	30	....	14	12	13	104	39	14
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations)	86	2	2	4	1	....	2	1	2	8	2	....
115A. Diseases of the buccal cavity and annexa	18	1	....	1	....	....	1	....	....	3	1	....
115B. Diseases of the tonsils	26	1	....	1	1	....	....	....	....	1	....	....
115C. Others under this title	42	....	2	2	....	....	1	1	2	4	1	....
116. Diseases of the oesophagus	9	....	....	....	....	....	....	....	....	1	....	....
117. Ulcer of the stomach or duodenum	201	4	4	3	5	....	2	3	3	15	4	1
117A. Ulcer of the stomach	98	3	1	....	2	....	....	2	3	5	3	1
117B. Ulcer of the duodenum	103	1	3	3	3	....	2	1	....	10	1	....
118. Other diseases of the stomach	21	....	....	....	....	....	....	....	....	2	3	....
119. Diarrhoea and enteritis (under 2 years of age)	220	6	2	....	10	....	....	1	....	9	3	6
120. Diarrhoea and enteritis (2 years and over)	79	....	2	2	1	....	2	1	....	5	1	1
120A. Diarrhoea and enteritis	54	....	1	1	1	....	1	1	....	3	....	1
120B. Ulceration of the intestines	25	....	1	1	....	....	1	....	....	2	1	....
121. Appendicitis	270	9	5	7	5	....	3	2	2	17	12	2
122. Hernia, intestinal obstruction	277	7	6	7	5	....	2	3	3	23	3	3
122A. Hernia	146	4	2	5	5	....	1	3	1	15	2	1
122B. Intestinal obstruction	131	3	4	2	....	....	1	....	2	8	1	2
123. Other diseases of the intestines	46	....	....	....	1	....	....	....	....	3	1	....
124. Cirrhosis of the liver	72	1	....	1	....	....	....	....	1	5	1	....
124A. Specified as alcoholic	13	....	....	1	....	....	....	....	....	1	....	....
124B. Not specified as alcoholic	59	1	....	....	....	....	....	....	1	4	1	....
125. Other diseases of the liver	21	1	....	....	....	....	....	....	....	1	....	....
125A. Yellow atrophy of the liver	10	1	....	....	....	....	....	....	....	....	....	....
125B. Others under this title	11	....	....	....	....	....	....	....	....	1	....	....
126. Biliary calculi	111	2	2	4	2	....	1	....	2	10	5	....
127. Other diseases of the gall-bladder and biliary passages	85	....	4	2	....	....	1	1	....	3	4	1

OF 10,000 POPULATION AND OVER—ONTARIO, 1937—Continued

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
1	3	1	1	2	5	1	....	....	....	2	....	1	....	....	....	....	20	....	2	....	96
29	89	20	19	21	157	21	10	40	10	27	16	25	11	11	14	7	612	22	76	18	97
1	3	1	....	....	10	2	....	1	3	3	....	1	....	1	1	....	16	....	3	2	98
....	2	2	....	....	....	1	....	....	3	....	....	....	....	....	....	....	11	....	1	....	99
1	....	1	....	....	3	....	1	1	....	....	....	....	....	1	1	....	19	....	2	....	100
2	1	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	2	....	1	....	101
6	23	4	2	4	24	2	2	7	6	7	11	1	5	2	2	1	175	2	21	3	102
....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	103
21	94	21	14	24	114	16	11	34	23	33	18	20	14	15	39	26	694	11	87	20	
1	1	1	1	....	....	1	....	....	....	....	....	....	....	1	....	....	15	....	1	....	104
....	2	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	105
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	105A
....	2	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	105B
....	....	....	....	....	1	....	1	2	....	2	1	....	1	....	....	....	24	....	1	1	106
....	....	....	....	....	1	....	....	1	....	1	....	....	1	....	....	....	10	....	....	....	106A
....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	9	....	1	1	106B
....	....	....	....	....	....	....	1	1	....	....	1	....	....	....	....	....	5	....	....	....	106C
7	47	4	6	7	40	2	5	13	2	12	5	8	5	6	21	20	351	3	21	12	107
7	47	4	6	7	40	2	5	13	2	12	5	8	5	6	21	20	348	3	21	12	107A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	....	....	107B
4	23	9	6	11	52	9	4	10	11	12	4	8	3	5	12	6	198	7	35	5	108
7	7	4	....	3	7	1	....	4	3	....	3	1	3	1	1	....	25	1	9	....	109
1	5	1	1	1	4	....	....	....	3	2	1	1	....	....	2	....	23	....	4	1	110
....	1	....	....	....	2	....	1	2	2	4	1	1	....	1	....	....	9	....	2	....	111
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	111A
....	1	....	....	....	2	....	1	2	2	4	1	1	....	1	....	....	8	....	2	....	111B
....	7	2	....	....	6	3	....	3	2	....	3	....	2	1	2	....	33	....	12	1	112
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	....	....	113
1	1	....	....	1	2	....	....	....	....	1	....	1	....	....	1	....	11	....	2	....	114
1	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	114A
....	1	....	....	....	1	....	....	....	....	1	....	1	....	....	1	....	9	....	2	....	114C
39	77	16	19	17	215	26	26	32	22	22	21	16	21	17	28	26	455	17	87	14	
3	4	1	1	1	5	4	1	1	2	1	2	....	....	3	4	....	23	1	5	....	115
1	1	....	....	....	1	2	....	....	....	1	....	....	....	1	....	....	4	....	....	....	115A
2	2	....	....	1	1	1	1	....	1	....	2	....	....	....	1	....	7	1	2	....	115B
....	1	1	1	....	3	1	....	1	1	....	....	....	....	2	3	....	12	....	3	....	115C
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	7	....	....	....	116
3	11	3	....	3	17	1	1	5	3	....	4	1	6	2	....	2	84	3	5	3	117
3	8	2	....	1	13	1	....	....	1	....	2	1	4	2	....	2	31	1	4	2	117A
....	3	1	....	2	4	....	1	5	2	....	2	....	2	....	....	....	53	2	1	1	117B
....	2	....	....	....	4	....	....	1	....	....	....	1	....	....	....	....	8	....	....	....	118
2	3	....	6	1	84	4	7	3	....	2	1	3	4	1	8	12	33	2	7	....	119
2	4	....	....	1	22	2	2	....	....	....	1	....	1	....	1	2	23	....	2	1	120
2	1	....	....	1	21	2	2	....	....	....	1	....	1	....	....	1	11	....	1	1	120A
....	3	....	....	....	1	....	....	....	....	....	....	....	....	....	1	1	12	....	1	....	120B
12	12	3	5	4	27	6	5	9	3	3	6	2	6	5	8	6	54	4	24	2	121
7	19	2	4	....	26	5	6	4	7	8	4	6	2	2	5	2	84	....	16	6	122
4	8	1	3	....	15	1	4	1	3	5	1	3	1	2	3	2	41	....	8	1	122A
3	11	1	1	....	11	4	2	3	4	3	3	3	1	....	2	....	43	....	8	5	122B
....	3	1	....	....	1	1	1	1	....	....	....	....	1	....	....	....	26	....	6	....	123
4	6	2	1	2	10	....	....	1	3	4	....	....	....	....	....	1	20	4	5	....	124
1	....	1	1	1	....	....	....	....	....	1	....	....	....	....	....	1	2	2	1	....	124A
3	6	1	....	1	10	....	....	1	3	3	....	....	....	....	....	....	18	2	4	....	124B
....	1	....	....	1	1	....	....	....	....	....	....	....	....	....	....	1	13	....	2	....	125
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	7	....	1	....	125A
....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	6	....	1	....	125B
4	5	....	2	2	6	1	2	2	2	1	3	2	1	2	1	....	37	1	9	....	126
1	3	3	....	2	10	2	1	3	1	2	....	1	....	2	1	....	29	1	5	2	127

TABLE 41—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES

CAUSES OF DEATH	Total	Belleville	Brantford	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston	Kirkland Lake
128. Diseases of the pancreas	11	....	....	....	....	....	1	....	....	....	....	....
129. Peritonitis, cause not specified	21	1	....	1	....	....	....	....	....	2	....	....
CLASS X.—DISEASES OF THE GENITO-URINARY SYSTEM												
Total	1,399	22	40	29	30	3	21	19	31	102	42	3
130. Acute nephritis (including unspecified, under 10 years of age)	28	....	1	....	....	....	....	1	....	2	....	....
131. Chronic nephritis	675	15	23	12	13	....	11	4	16	49	24	1
132. Nephritis, unspecified (10 years and over)	194	3	2	6	5	1	5	4	9	19	2	....
133. Other diseases of the kidneys and ureters	82	....	1	....	....	1	2	2	1	5	3	1
134. Calculi of the urinary passages	44	....	1	1	1	....	....	....	....	6	3	....
135. Diseases of the bladder (tumours excepted)	40	....	1	1	1	....	....	1	....	4	....	....
136. Diseases of the urethra, urinary abscess, etc.	20	2	....	....	....	....	1	....	....	....	1	....
136A. Stricture of the urethra	16	2	....	....	....	....	....	....	....	....	1	....
136B. Others under this title	4	....	....	....	....	....	1	....	....	....	....	....
137. Diseases of the prostate	267	1	11	9	10	1	2	4	4	13	8	....
139. Diseases of the female genital organs (not specified as venereal)	49	1	....	....	....	....	....	3	1	4	1	1
139A. Of the ovary, Fallopian tube and parametrium	21	1	....	....	....	....	....	....	....	1	1	1
139B. Of the uterus	27	....	....	....	....	....	....	3	1	3	....	....
139D. Others under this title	1	....	....	....	....	....	....	....	....	....	....	....
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE												
Total	195	4	3	3	6	....	1	1	1	26	2	4
140. Abortion with septic conditions	26	....	....	....	1	....	....	....	....	5	1	1
140A. Abortion	16	....	....	....	1	....	....	....	....	2	1	....
140B. Self-induced abortion	10	....	....	....	....	....	....	....	....	3	....	1
141. Abortion without mention of septic conditions (haemorrhage included)	5	....	....	....	....	....	....	....	....	....	....	....
141A. Abortion	4	....	....	....	....	....	....	....	....	....	....	....
141B. Self-induced abortion	1	....	....	....	....	....	....	....	....	....	....	....
142. Ectopic gestation	3	....	....	....	....	....	....	....	....	....	....	....
142B. Without mention of septic conditions	3	....	....	....	....	....	....	....	....	....	....	....
143. Other accidents of pregnancy (haemorrhage excluded)	5	....	....	....	....	....	....	....	....	1	....	....
144. Puerperal haemorrhage	21	....	....	....	1	....	1	....	....	4	1	1
144A. Placenta previa	11	....	....	....	....	....	1	....	....	3	1	....
144B. Other haemorrhages	10	....	....	....	1	....	....	....	....	1	....	1
145. Puerperal septicaemia (not specified as due to abortion)	43	....	3	2	2	....	....	1	....	3	....	1
145A. Puerperal septicaemia and pyaemia	43	....	3	2	2	....	....	1	....	3	....	1
146. Puerperal albuminuria and eclampsia	38	4	....	....	....	....	....	....	1	2	....	1
147. Other toxaemias of pregnancy	11	....	....	....	1	....	....	....	....	2	....	....
148. Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic)	22	....	....	1	....	....	....	....	....	5	....	....
148A. Phlegmasia alba dolens and thrombosis	5	....	....	....	....	....	....	....	....	1	....	....
148B. Embolism	16	....	....	1	....	....	....	....	....	3	....	....
148C. Sudden death	1	....	....	....	....	....	....	....	....	1	....	....
149. Other accidents of childbirth	19	....	....	....	1	....	....	....	....	3	....	....
149A. Caesarean operation	7	....	....	....	....	....	....	....	....	2	....	....
149B. Other surgical operations and instrumental delivery	3	....	....	....	....	....	....	....	....	....	....	....
149C. Dystocia	2	....	....	....	1	....	....	....	....	....	....	....
149E. Others under this title	7	....	....	....	....	....	....	....	....	1	....	....
150. Other or unspecified condition of the puerperal state	2	....	....	....	....	....	....	....	....	1	....	....
150B. Others under this title	2	....	....	....	....	....	....	....	....	1	....	....
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE												
Total	70	....	1	1	1	....	....	1	....	3	1	....
151. Carbuncle	17	....	1	....	....	....	....	....	....	2	....	....
152. Cellulitis, acute abscess	42	....	....	1	1	....	....	1	....	....	1	....
153. Other diseases of the skin and annexa and of the cellular tissue	11	....	....	....	....	....	....	....	....	1	....	....

OF 10,000 POPULATION AND OVER—ONTARIO, 1937—Continued

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
....	1	....	....	....	1	....	....	1	....	1	....	....	....	....	....	....	6	....	....	....	128
1	2	1	....	....	1	....	1	1	....	....	....	....	....	....	....	....	8	1	1	....	129
33	97	21	11	8	133	17	10	43	13	25	20	12	27	23	19	7	421	13	89	15	
....	1	1	....	....	2	....	....	4	1	....	1	....	1	1	2	1	9	....	....	....	130
23	47	9	7	7	77	11	4	21	3	12	12	2	13	10	10	5	178	5	48	3	131
4	15	4	3	1	13	....	1	5	3	1	1	3	5	1	3	....	56	1	15	3	132
1	6	1	1	....	3	1	....	1	3	3	....	1	1	1	....	....	36	1	6	....	133
....	1	1	....	....	2	1	1	2	....	....	....	2	....	....	....	1	20	....	1	....	134
1	2	1	....	....	4	....	....	....	....	3	1	....	1	2	....	....	14	....	2	1	135
1	....	....	....	....	3	....	....	....	....	....	....	1	1	....	....	....	9	....	1	....	136
1	....	....	....	....	1	....	....	....	....	....	....	1	1	....	....	....	8	....	1	....	136A
....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	136B
3	23	3	....	....	24	3	4	10	1	4	5	1	5	6	4	....	82	6	12	8	137
....	2	1	....	....	5	1	....	....	2	2	....	2	....	2	....	....	17	....	4	....	139
....	1	....	....	....	2	1	....	....	....	2	....	....	....	....	....	....	11	....	....	....	139A
....	1	1	....	....	2	....	....	....	2	....	....	2	....	2	....	....	6	....	4	....	139B
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	139D
2	6	3	1	5	12	4	2	2	4	2	2	2	3	2	5	4	60	3	19	1	
....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	9	2	5	....	140
....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	4	2	4	....	140A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	....	1	....	140B
....	....	1	....	1	....	....	....	....	....	....	1	1	....	....	....	....	1	....	....	....	141
....	....	1	....	1	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	141A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	141B
....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	142
....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	142B
....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	143
....	1	....	....	....	3	....	....	....	....	....	....	....	....	....	1	....	6	1	1	....	144
....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	2	1	1	....	144A
....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	4	....	....	....	144B
....	1	....	....	1	1	1	2	1	1	....	....	1	1	1	....	1	14	....	5	....	145
....	1	....	....	1	1	1	2	1	1	....	....	1	1	1	....	1	14	....	5	....	145A
2	2	1	....	....	4	3	....	1	1	....	....	....	....	....	1	....	10	....	4	1	146
....	....	....	1	....	2	....	....	....	....	....	....	....	....	....	1	1	2	....	1	....	147
....	1	1	....	1	1	....	....	....	....	1	1	....	1	....	1	1	5	....	2	....	148
....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	148A
....	....	1	....	1	....	....	....	....	....	1	1	....	1	....	....	1	5	....	1	....	148B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	148C
....	....	....	....	....	1	....	....	....	....	1	....	....	....	1	1	1	9	....	1	....	149
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	4	....	....	....	149A
....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	1	....	149B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	149C
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	4	....	....	....	149E
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	150
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	150B
1	2	1	....	2	18	1	....	1	1	3	....	....	2	1	1	....	22	2	4	....	
....	....	1	....	1	6	....	....	....	....	....	....	....	....	....	....	....	5	1	....	....	151
....	2	....	....	1	10	1	....	....	....	3	....	....	1	....	1	....	14	1	4	....	152
1	....	....	....	....	2	....	....	1	1	....	....	....	1	1	....	....	3	....	....	....	153

TABLE 41—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES

CAUSES OF DEATH	Total	Belleville	Brantford	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston	Kirkland Lake
Class XIII.—Diseases of the Bones and Organs of Locomotion												
Total	69	1	1	1	....	....	2	1	1	4	....	....
154. Osteomyelitis	39	....	....	....	....	....	1	....	1	2	....	....
155. Other diseases of the bones (tuberculosis excepted)	12	....	1	....	....	....	....	1	....	1	....	....
156. Diseases of the joints and other organs of locomotion	18	1	....	1	....	....	1	....	....	1	....	....
156A. Of the joints (tuberculosis and rheumatism excepted)	6	....	....	1	....	....	....	....	....	1	....	....
156B. Of other organs of locomotion	12	1	....	....	....	....	1	....	....	....	....	....
Class XIV.—Congenital Malformations												
Total	282	1	3	5	5	....	5	2	3	21	6	6
157. Congenital malformations (stillbirths excluded)	282	1	3	5	5	....	5	2	3	21	6	6
157A. Congenital hydrocephalus	34	....	....	1	2	....	....	1	....	5	....	....
157B. Spina bifida and meningocele	70	....	1	1	2	....	2	1	1	3	3	....
157C. Congenital malformations of the heart	103	1	2	2	....	....	2	....	2	8	1	1
157D. Monstrosities	5	....	....	....	....	....	....	....	....	....	....	1
157E. Others under this title	70	....	....	1	1	....	1	....	....	5	2	4
Class XV.—Diseases of Early Infancy												
Total	815	8	18	15	24	....	7	5	8	48	16	21
158. Congenital debility	25	....	....	1	....	....	1	....	....	2	....	....
159. Premature birth	547	6	13	11	17	....	5	4	4	32	9	15
160. Injury at birth	133	2	4	2	4	....	....	....	2	7	4	5
160A. With mention of caesarean operation	2	....	....	....	....	....	....	....	....	1	....	....
160B. Without mention of caesarean operation	131	2	4	2	4	....	....	....	2	6	4	5
161. Other diseases peculiar to early infancy (under 3 months)	110	....	1	1	3	....	1	1	2	7	3	1
161A. Atelectasis	43	....	....	1	2	....	....	1	....	4	2	....
161B. Icterus of the new-born	17	....	1	....	1	....	....	....	....	3	....	....
161C. Sclerema and oedema	1	....	....	....	....	....	....	....	....	....	....	....
161E. Others, including lack of care	47	....	....	....	....	....	1	....	2	....	1	1
161F. No cause given, no doctor in attendance	2	....	....	....	....	....	....	....	....	....	....	....
Class XVI.—Senility												
Total	165	2	2	2	3	....	3	1	2	11	9	....
162. Senility	165	2	2	2	3	....	3	1	2	11	9	....
162A. With senile dementia (70 years and over)	59	....	....	....	1	....	1	1	....	3	6	....
162B. Without senile dementia (70 years and over)	105	2	2	2	2	....	2	....	2	8	3	....
162C. Premature senility (55 years but under 70 years	1	....	....	....	....	....	....	....	....	....	....	....
Class XVII.—Violent or Accidental Deaths												
Total	1,297	22	28	22	20	3	17	15	16	117	40	15
163-171. Suicides	177	1	....	1	....	1	1	3	3	14	2	4
163. Suicide by solid or liquid poisons or by absorption of corrosive substances	41	1	....	....	....	....	....	1	2	1	1	3
164. Suicide by poisonous gas	23	....	....	....	....	....	....	....	....	1	....	....
165. Suicice by hanging or strangulation	34	....	....	....	....	....	1	1	....	4	....	1
166. Suicide by drowning	13	....	....	....	....	....	....	....	....	....	....	....
167. Suicide by firearms	26	....	....	1	....	1	....	....	1	5	1	....
168. Suicide by cutting or piercing instruments	15	....	....	....	....	....	....	1	....	3	....	....
169. Suicide by jumping from high places	22	....	....	....	....	....	....	....	....	....	....	....
170. Suicide by crushing	1	....	....	....	....	....	....	....	....	....	....	....
171. Suicide by other means	2	....	....	....	....	....	....	....	....	....	....	....
173-175. Homicides	32	....	1	....	2	1	2	....	1	5	....	1
173. Homicide by firearms	8	....	....	....	....	....	....	....	1	3	....	....
174. Homicide by cutting or piercing instruments	6	....	....	....	....	....	2	....	....	1	....	....

OF 10,000 POPULATION AND OVER—ONTARIO, 1937—Continued

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
2	2	....	....	1	10	....	....	1	....	1	1	1	....	....	2	....	33	1	3	....	
....	2	....	....	....	8	....	....	1	....	1	1	1	....	....	....	....	19	....	2	....	154
....	....	....	....	1	2	....	....	....	....	....	....	....	....	....	....	....	5	1	....	....	155
2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	9	....	1	....	156
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	2	....	....	....	156A
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	7	....	1	....	156B
7	13	3	7	4	28	....	2	1	1	2	3	1	5	5	3	9	103	1	21	6	
7	13	3	7	4	28	....	2	1	1	2	3	1	5	5	3	9	103	1	21	6	157
2	....	....	2	1	1	....	....	....	....	....	....	1	1	....	....	....	13	1	2	1	157A
2	4	1	1	1	8	....	1	1	1	....	....	....	....	2	1	2	27	....	3	1	157B
1	8	....	2	1	11	....	....	....	....	2	3	....	3	1	1	4	35	....	9	3	157C
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	2	....	1	....	157D
2	1	2	2	1	8	....	1	....	....	....	....	....	1	2	....	3	26	....	6	1	157E
21	26	7	12	20	92	8	12	16	14	12	4	10	23	6	44	32	221	9	50	6	
....	1	....	....	....	4	....	....	....	....	....	....	....	1	....	4	4	5	1	1	....	158
12	19	6	10	17	65	5	9	12	7	8	2	6	15	4	27	19	146	5	31	6	159
5	1	....	1	3	15	2	2	2	2	3	1	2	4	1	8	4	32	1	14	....	160
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	160A
5	1	....	1	3	15	2	2	2	2	3	1	2	4	1	8	4	32	1	13	....	160B
4	5	1	1	....	8	1	1	2	5	1	1	2	3	1	5	5	38	2	4	....	161
2	3	1	....	....	3	....	....	....	2	....	....	....	....	1	1	3	15	1	1	....	161A
....	....	....	....	....	4	1	....	....	....	1	....	....	....	....	2	....	3	....	1	....	161B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	161C
2	2	....	1	....	1	....	....	2	2	....	1	2	3	....	2	2	19	1	2	....	161E
....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	161F
3	18	1	....	1	11	3	1	10	2	8	5	5	2	10	....	1	41	2	4	2	
3	18	1	....	1	11	3	1	10	2	8	5	5	2	10	....	1	41	2	4	2	162
....	11	1	....	....	3	3	....	....	....	3	1	2	....	2	....	....	19	1	....	1	162A
3	7	....	....	1	8	....	1	10	2	5	4	3	2	8	....	1	21	1	4	1	160B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	162C
32	74	14	18	18	87	13	14	26	24	28	17	23	17	16	38	22	411	15	65	10	
5	6	1	2	....	7	1	4	4	2	3	1	2	2	3	5	4	84	2	7	2	163–171
2	1	1	....	....	2	....	1	1	....	....	....	....	....	1	2	1	18	1	1	....	163
....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	19	....	....	....	164
3	3	....	1	....	1	....	2	....	1	....	....	....	....	1	....	1	10	....	3	1	165
....	....	....	....	....	2	1	....	2	....	....	....	1	....	1	....	....	4	1	1	....	166
....	....	....	....	....	1	....	1	....	....	....	....	....	2	....	1	2	9	....	....	1	167
....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	8	....	1	....	168
....	....	....	....	....	....	....	....	....	1	2	1	1	....	....	....	....	16	....	1	....	169
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	170
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	171
....	1	....	....	....	1	....	1	....	....	....	1	2	1	....	2	....	7	1	2	....	173–175
....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	1	....	1	....	....	....	173
....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	1	....	....	....	174

TABLE 41—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES

CAUSES OF DEATH	Total	Belleville	Brantford	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston	Kirkland Lake
175. Homicide by other means	18	....	1	....	2	1	....	....	....	1	....	1
176-198. Other violent deaths	1,088	21	27	21	18	1	14	12	12	98	38	10
176. Attack by venomous animals	1	....	1	....	....	....	....	....	....	....	....	....
177. Food poisoning	1	....	....	1	....	....	....	....	....	....	....	....
178. Accidental absorption of toxic gases	21	1	1	....	....	....	2	....	....	....	2	....
179. Other acute accidental poisonings (except by gas	17	....	1	....	....	....	....	....	....	....	....	....
180. Conflagration	14	....	....	....	1	....	....	....	....	4	....	....
181. Accidental burns (conflagration excepted)	62	2	1	6	3	....	1	....	....	5	1	....
182. Accidental mechanical suffocation	25	....	....	....	....	....	1	....	....	1	....	1
183. Accidental drowning	55	1	2	2	1	....	1	....	1	2	2	....
184. Accidental injury by firearms	10	....	....	....	....	....	....	....	1	2	1	....
185. Accidental injury by cutting or piercing instruments	10	....	....	....	....	....	....	....	....	....	1	....
186. Accidental injury by fall, crushing or landslide.	773	16	18	10	12	1	9	12	9	74	31	9
188. Injuries by animals	8	....	....	....	....	....	....	....	....	....	....	....
189. Hunger or thirst	1	....	....	....	....	....	....	....	....	....	....	....
190. Excessive cold	2	....	....	....	....	....	....	....	....	1	....	....
191. Excessive heat	40	....	1	....	....	....	....	....	....	5	....	....
192. Lightning	1	....	....	....	....	....	....	....	....	....	....	....
193. Accidents due to electric currents	9	....	....	....	1	....	....	....	....	....	....	....
194. Other accidents	36	1	2	2	....	....	....	....	1	4	....	....
194A. Foreign body	4	....	....	....	....	....	....	....	....	....	....	....
194B. Others under this title	32	1	2	2	....	....	....	....	1	4	....	....
195. Violent deaths of which the nature (accident, suicide, homicide) is unknown	1	....	....	....	....	....	....	....	....	....	....	....
198. Capital punishment	1	....	....	....	....	....	....	....	....	....	....	....
CLASS XVIII.—ILL-DEFINED CAUSES OF DEATH												
Total	9	....	....	....	....	....	1	....	....	....	....	....
199. Sudden death	3	....	....	....	....	....	1	....	....	....	....	....
200. Cause of death not specified or ill-defined	6	....	....	....	....	....	....	....	....	....	....	....

SPECIAL CLASSES OF ACCIDENTAL DEATHS FOR

(Included also under the numbers of the

A. Accidents in mines and quarries	13	....	....	....	....	....	....	....	....	....	....	5
B. Accidents caused by machines	21	....	1	....	1	....	....	1	1	1	1	1
C. Railway accidents	31	1	1	....	....	....	1	....	....	3	1	....
D. Street-car accidents	7	....	....	....	....	....	....	....	....	....	....	....
E. Automobile and motorcycle accidents	382	8	7	6	8	1	8	9	4	39	19	3
F. Other land transportation	7	....	....	....	1	....	....	....	....	1	....	....
G. Water transportation	10	....	....	1	1	....	....	....	....	1	....	....
H. Air transportation	2	....	....	....	....	....	....	....	....	....	....	....

OF 10,000 POPULATION AND OVER—ONTARIO, 1937—Continued

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
....	1	....	....	....	1	....	....	....	....	....	1	....	....	....	1	....	5	1	2	....	175
27	67	13	16	18	79	12	9	22	22	25	15	19	14	13	31	18	320	12	56	8	176–198
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	176
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	177
....	....	....	....	1	....	....	....	1	....	1	....	1	....	....	....	....	8	1	1	1	178
....	....	....	....	1	1	2	....	....	....	....	....	....	....	1	....	....	9	....	1	1	179
....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	1	....	3	....	1	1	180
3	....	....	....	3	6	....	....	....	....	1	....	1	1	....	....	....	22	2	4	....	181
....	3	1	1	2	....	1	....	....	1	....	....	1	....	....	3	1	7	....	1	....	182
1	2	1	1	....	4	4	....	2	2	....	....	....	2	2	2	6	8	2	4	....	183
....	....	....	....	2	....	....	....	....	1	....	....	....	1	1	....	....	1	....	....	....	184
....	2	....	1	....	1	....	....	....	....	2	....	....	....	1	1	....	1	....	....	....	185
23	47	10	11	9	57	4	8	19	11	20	15	13	10	8	22	10	226	6	39	4	186
....	....	....	....	....	2	1	....	....	....	....	....	1	....	....	....	....	3	....	1	....	188
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	189
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	190
....	9	1	....	....	3	....	....	....	....	....	....	1	....	....	....	....	17	1	2	....	191
....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	192
....	2	....	....	....	....	....	....	....	2	1	....	....	....	....	....	....	2	....	1	....	193
....	2	....	1	....	3	....	1	....	3	....	....	....	....	....	2	1	11	....	1	1	194
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	2	....	....	....	194A
....	2	....	1	....	2	....	1	....	3	....	....	....	....	....	1	1	9	....	1	1	194B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	195
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	198
....	1	....	....	....	2	1	1	....	....	....	....	....	....	....	....	....	2	....	1	....	
....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	199
....	1	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	2	....	1	....	200

CITIES, TOWNS AND VILLAGES OF 10,000 POPULATION AND OVER

International List above), ONTARIO, 1937

....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	5	1	....	....	....	A
2	....	....	....	....	2	....	....	....	....	....	....	....	1	....	....	....	8	1	....	....	B
....	....	1	1	1	1	....	....	....	4	....	1	....	2	....	4	....	7	....	2	....	C
1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	3	....	....	....	D
12	26	6	6	5	30	....	1	6	5	15	6	10	2	1	10	3	91	3	29	3	E
....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	3	....	....	....	F
....	1	....	....	....	1	2	....	....	2	....	....	....	....	....	1	....	....	....	....	....	G
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	H

TABLE 42—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora	Kent	Lambton	Lanark
Total	38,475	69	492	633	547	2,197	590	175	193	314	568	1,397	712	230	190	718	241	61	213	673	624	246	719	651	399
CLASS 1.—INFECTIOUS AND PARASITIC DISEASES																									
Total	3745	7	53	68	57	223	88	18	14	32	37	129	63	39	23	72	18	2	18	49	69	44	69	57	34
1. Typhoid fever	35	..	...	2	...	2	4	..	..	...	1	1	...	..	..	...	...	..	...	3	1	..	...	1	...
2. Paratyphoid fever	4	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	1	...
5. Undulant fever	6	..	...	...	...	...	..	..	..	...	...	1	...	..	..	...	...	..	...	...	1	..	...	...	...
7. Measles	30	..	...	2	2	...	1	1	..	...	...	...	...	..	..	...	...	..	...	...	1	..		1..	...
8. Scarlet fever	50	..	2	1	...	3	2	..	..	1	...	3	...	1	1	...	...	..	...	1	...	..	1	...	1
9. Whooping-cough	104	..	5	2	1	5	12	..	1	...	...	3	1	2	..	3	...	..	...	...	2	4	...	1	...
10. Diphtheria	30	..	1	...	...	3	1	..	..	...	1	5	...	1	..	...	1	..	...	...	...	..	...	...	...
11. Influenza	1659	6	23	31	35	80	23	10	11	25	26	60	25	21	14	52	11	1	12	31	55	22	53	37	17
11A. Sole cause	124	..	1	1	2	5	2	..	1	...	3	2	1	2	3	2	...	1	1	6	1	12	1	2	1
11B. With bronchitis	75	1	1	2	...	2	1	1	1	3	...	4	...	1	1	4	1	..	...	1	1	..	1	2	...
11C. With pneumonia	906	3	13	20	20	47	10	6	8	16	16	42	18	8	5	23	7	..	4	10	37	6	30	20	7
11D. With other diseases of the respiratory system	86	..	...	...	...	5	2	..	1	2	2	3	...	4	2	4	...	..	2	1	2	..	3	3	1
11E. With intestinal complications	56	1	2	1	2	...	1	..	..	1	...	2	2	1	..	1	1	..	..	4	...	..	3	4	...
11F. With other causes	412	1	6	7	11	21	7	3	..	3	5	7	4	5	3	18	2	..	4	9	14	4	15	6	8
13. Dysentery	38	..	...	...	1	3	5	..	..	...	1	2	...	..	2	...	...	..	...	...	...	..	2	...	1
15. Erysipelas	47	..	...	1	...	6	1	1	1	...	...	...	...	..	..	3	...	..	1	...	2	..	...	...	1
16. Poliomyelitis and polioencephalitis (acute)	119	..	...	1	...	2	1	1	..	...	...	2	...	..	1	2	3	..	...	...	...	..	...	...	...
17. Lethargic or epidemic encephalitis	15	..	...	2	...	...	1	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
18. Epidemic cerebrospinal meningitis	17	..	...	...	...	2	1	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
22. Tetanus	17	..	1	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	2	...	...
23–32. Tuberculosis	1315	1	17	23	13	100	35	4	1	6	6	40	31	13	5	7	3	1	4	12	3	14	7	11	14
23. Tuberculosis of the respiratory system	1149	1	12	20	11	85	30	3	1	5	6	36	24	13	3	7	2	..	4	11	2	13	6	8	11
24. Tuberculosis of the meninges and central nervous system	72	..	3	1	1	8	3	..	..	...	...	2	4	..	1	...	...	1	...	1	...	1	1	2	2
25. Tuberculosis of the intestines and peritoneum	29	..	...	1	1	2	..	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	...	...	...
26. Tuberculosis of the vertebral column	9	..	...	...	...	1	1	..	..	...	...	...	1	..	..	...	...	..	...	...	1	..	...	...	...
27. Tuberculosis of the bones and joints (vertebral column excepted)	9	..	...	...	...	...	..	..	..	1	...	1	...	..	..	...	...	..	...	...	...	..	...	1	...
27A. Of bones	3	..	...	...	...	...	..	..	1	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
27B. Of joints	6	..	...	...	...	...	..	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	...	1	...
28. Tuberculosis of the skin and sub-cutaneous cellular tissue	2	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
29. Tuberculosis of the lymphatic system (bronchial, mesenteric and retroperitoneal glands excepted)	4	..	1	...	...	...	..	..	..	...	...	...	1	..	1	...	...	..	...	...	...	..	...	...	...
30. Tuberculosis of the genito-urinary system	14	..	...	...	...	...	..	1	..	...	...	...	...	..	..	...	1	..	...	...	...	..	...	...	...
31. Tuberculosis of other organs	2	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
32. Disseminated tuberculosis	25	..	1	1	...	4	1	..	..	...	...	...	1	..	..	...	...	..	...	...	...	..	...	...	1
32A. Acute	13	..	1	...	...	3	1	..	..	...	...	...	1	..	..	...	...	..	...	...	...	..	...	...	...
32B. Chronic	2	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
32C. Not specified	10	..	...	1	...	1	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	1
34. Syphilis	174	..	2	3	4	12	..	..	..	...	2	10	4	..	..	...	...	..	...	1	3	2	3	3	...
35. Gonococcus infection and other venereal diseases	4	..	...	...	...	...	..	..	..	...	...	...	...	..	..	1	...	..	...	...	...	..	...	...	...
36. Purulent infection, septicaemia (non-puerperal)	43	..	2	...	1	2	..	..	..	...	...	...	1	..	..	4	...	..	1	1	1	2	...	1	...
38. Malaria	2	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
39. Other diseases due to protozoal parasites	3	..	...	...	...	...	..	1	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	1	...
41. Hydatid cysts	1	..	...	...	...	...	..	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	...	...	...
41A. Of the liver	1	..	...	...	...	...	..	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	...	...	...

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1937

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	District of Patricia	
548	86	579	137	1,694	265	441	358	395	681	643	231	267	597	528	291	238	175	569	149	1,044	482	651	562	403	309	927	756	684	2,112	8,800	21	
65	4	61	34	210	78	52	34	33	62	52	28	10	46	31	34	15	26	76	25	109	62	67	65	65	19	77	68	71	206	665	12	
1	..	1	..	1	..	2	1	1	1	...	3	...	...	1	1	..	..	2	..	...	2	...	...	1	...	...	...	...	...	2	..	1
...	..	...	..	...	..	...	...	...	...	...	..	...	1	...	..	..	..	...	..	...	...	...	...	1	...	...	...	1	...	...	..	2
...	..	...	..	...	..	...	...	...	...	...	..	...	...	1	..	..	..	1	..	...	...	...	1	..	...	...	...	...	...	1	..	5
...	..	...	..	...	..	...	...	...	...	1	..	...	...	...	..	..	..	...	..	8	...	...	2	..	...	2	1	...	...	8	..	7
1	..	3	1	2	..	...	...	...	...	...	..	...	...	...	..	..	..	2	..	...	1	5	...	..	1	1	2	3	...	11	..	8
...	..	1	..	6	1	2	...	1	...	5	..	...	...	...	..	..	2	2	1	5	9	10	...	4	...	...	5	2	1	5	..	9
1	..	2	..	...	..	4	...	...	...	...	..	...	...	...	..	..	2	...	..	...	3	1	...	..	1	...	1	...	2	...	..	10
37	4	33	19	58	11	17	20	22	41	33	17	6	29	15	27	9	11	52	18	63	25	12	17	13	14	28	43	43	55	180	6	11
7	..	3	2	2	2	...	1	1	1	...	3	2	3	1	1	..	8	3	1	5	1	...	2	1	...	5	1	4	1	7	6	11A
1	..	...	..	1	..	2	2	...	2	1	..	1	2	1	2	..	..	...	3	6	1	...	1	1	2	...	3	1	...	14	..	11B
14	3	22	11	40	2	12	7	8	27	19	7	1	10	9	19	4	2	26	10	31	14	8	6	7	5	14	24	22	40	106	..	11C
2	..	...	..	3	..	...	1	2	2	1	2	...	4	...	2	1	..	2	..	4	3	1	2	2	1	...	...	2	1	11	..	11D
1	..	2	1	2	..	1	...	1	2	2	..	...	1	...	..	..	..	4	..	2	...	...	...	..	1	...	1	3	1	4	..	11E
12	1	6	5	10	7	2	9	10	7	10	5	2	9	4	3	4	1	17	4	15	6	3	6	2	5	9	14	11	12	38	..	11F
...	..	1	1	4	..	1	...	...	1	1	..	...	1	...	..	1	..	...	1	...	...	...	...	1	...	...	...	1	2	5	..	13
...	..	...	..	...	1	2	...	...	1	...	..	...	1	1	..	..	..	1	..	...	...	1	1	..	...	2	1	1	3	14	..	15
...	..	1	..	9	2	1	1	1	2	1	2	...	2	...	2	..	..	2	..	5	...	1	...	..	...	...	2	2	8	62	..	16
...	..	...	..	4	1	...	...	...	1	...	..	...	...	2	..	..	..	...	..	1	...	...	...	..	...	1	1	...	...	1	..	17
...	..	...	..	...	..	1	1	...	...	...	..	...	1	...	..	..	..	...	..	...	1	2	...	1	...	...	1	1	1	4	..	18
...	..	...	..	1	..	1	...	...	...	...	..	1	...	1	..	..	..	...	..	2	1	2	...	..	...	...	...	...	2	3	..	22
19	..	13	12	112	62	19	6	6	13	7	6	3	8	7	4	5	11	13	5	18	17	24	35	41	2	37	8	13	114	298	6	23–32
15	..	11	10	106	61	14	6	6	11	4	3	2	6	6	3	5	10	10	4	14	13	19	28	34	1	36	8	10	107	266	6	23
1	..	1	1	2	..	3	...	...	...	2	2	1	...	1	..	..	1	...	..	1	2	4	1	6	...	...	...	3	1	8	..	24
1	..	...	..	2	1	1	...	...	1	1	..	...	1	...	..	..	..	...	..	...	2	1	2	1	...	1	...	...	1	8	..	25
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	1	..	...	...	...	1	..	...	...	...	...	...	3	..	26
...	..	...	..	1	..	...	...	...	...	...	..	...	...	...	..	..	..	...	1	...	...	...	...	..	...	...	...	...	1	3	..	27
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	1	...	...	...	...	..	...	...	...	...	...	1	..	27A
...	..	...	..	1	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	1	2	..	27B
1	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	1	..	28
...	..	...	1	..	.	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	...	..	29
1	..	...	..	...	..	...	...	...	...	...	..	...	1	...	..	..	..	2	..	1	...	...	...	..	1	...	...	...	2	4	..	30
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	1	1	..	31
...	..	1	..	1	..	1	...	...	1	...	1	...	...	...	1	..	..	...	..	2	...	...	3	..	...	...	...	...	1	4	..	32
...	..	...	..	...	..	...	...	...	1	...	1	...	...	...	..	..	..	...	..	2	...	...	2	..	...	...	...	...	...	1	..	32A
...	..	...	..	...	..	1	...	...	...	...	..	...	...	...	1	..	..	...	..	...	...	...	...	..	...	...	...	...	...	...	..	32B
...	..	1	..	1	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	1	..	...	...	...	...	1	3	..	32C
5	..	3	1	11	..	1	2	1	1	2	..	...	1	2	..	..	..	...	..	5	2	7	9	1	...	2	2	1	13	53	..	34
...	..	...	..	...	..	...	...	...	...	...	..	...	1	...	..	..	..	...	..	...	...	...	...	1	...	...	...	...	...	1	..	35
1	..	3	..	...	..	...	1	1	...	1	..	...	1	1	..	..	..	...	..	2	1	...	...	1	1	1	...	2	4	6	..	36
...	..	...	..	1	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	1	...	...	...	..	38
...	..	...	..	...	..	1	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	...	..	39
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	...	..	41
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	...	..	41A

TABLE 42—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora	Kent	Lambton	Lanark
42. Other diseases caused by helminths	1	..	...	...	...	...	..	..	..	...	...	...	...	1	..	...	...	..	...	...	...	..	...	...	...
43. Mycoses	11	..	...	...	...	1	1	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
44. Other infectious or parasitic diseases	20	..	...	...	...	2	..	..	..	...	...	1	1	..	..	...	...	..	...	...	...	..	...	1	
44A. Chicken-pox	5	..	...	...	...	1	..	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	...	...	...
44C. Others under this title	15	..	...	...	...	1	..	..	..	...	...	...	1	..	..	...	...	..	...	...	...	..	...	1	...
CLASS II.—CANCER AND OTHER TUMOURS																									
Total	4836	10	53	71	62	306	30	14	16	33	87	180	96	16	16	83	19	10	21	62	80	21	79	83	53
45–53. Cancer and other malignant tumours	4547	10	47	59	61	283	29	12	16	31	78	167	88	15	15	81	17	10	20	56	74	19	75	79	53
45. Cancer of the buccal cavity and pharynx	166	..	...	4	1	16	..	..	2	...	1	10	5	1	..	2	...	..	...	2	2	..	2	6	5
46. Cancer of the digestive tract and peritoneum	2314	3	26	23	35	148	18	7	4	14	45	74	44	5	9	47	10	7	12	31	41	7	36	37	28
46A. Of the oesophagus	79	..	...	1	...	7	..	..	..	2	1	2	2	..	..	2	...	..	1	1	2	..	3	1	...
46B. Of the stomach and duodenum	882	3	15	7	14	60	11	..	1	2	14	25	18	3	5	17	3	4	1	14	16	5	18	13	7
46C. Of the rectum	261	..	2	5	4	15	1	1	..	3	9	8	6	..	1	9	1	1	...	3	2	..	4	7	1
46D. Of the liver and biliary ducts	306	..	4	1	3	13	3	3	..	1	9	15	4	1	..	6	2	..	6	3	9	1	3	2	9
46E. Of the pancreas	151	..	...	1	1	18	..	..	1	1	4	7	2	..	1	...	...	..	1	...	4	..	1	4	...
46F. Of the peritoneum	18	..	...	...	...	2	..	..	..	1	...	...	1	..	..	1	...	..	...	...	...	..	...	1	...
46G. Of other organs	617	..	5	8	13	33	3	3	2	4	8	17	11	1	2	12	4	2	3	10	8	1	7	9	11
47. Cancer of the respiratory organs	204	..	6	2	2	11	1	..	..	2	3	10	5	..	1	1	1	1	...	1	3	2	2	5	2
47A. Of the larynx	45	..	1	...	1	2	..	..	..	...	2	2	3	..	..	...	...	..	...	...	...	1	2	1	...
47B. Of the lung	127	..	5	2	1	6	..	..	..	1	1	7	2	..	..	1	1	..	...	1	2	1	...	4	2
47C. Of the mediastinum	7	..	...	...	...	1	..	..	..	1	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
47D. Of other organs of the respiratory system	25	..	...	...	...	2	1	..	..	...	...	1	...	..	1	...	...	..	...	...	1	..	...	...	...
48. Cancer of the uterus	356	1	5	7	1	14	3	..	2	2	8	16	6	1	..	5	2	..	1	4	3	3	7	7	2
48A. Of the uterus	223	..	5	4	1	10	3	..	1	2	7	9	3	1	..	4	1	..	1	1	2	1	5	5	...
48B. Of the cervix uteri	133	1	...	3	...	4	..	..	1	...	1	7	3	..	..	1	1	..	...	3	1	2	2	2	2
49. Cancer of other female genital organs	132	1	2	2	...	11	2	..	..	...	2	5	4	..	1	3	1	..	...	2	1	1	...	1	2
50. Cancer of the breast	464	1	3	7	6	28	1	2	2	3	8	23	10	3	..	8	1	3	2	5	6	3	5	5	3
51. Cancer of the male genito-urinary organs	415	2	2	9	8	22	3	1	3	7	8	21	9	3	2	6	...	..	2	4	5	..	4	13	7
51A. Of the bladder	133	1	...	2	1	5	1	..	1	2	1	11	4	..	1	1	...	..	...	...	2	..	1	3	3
51B. Of the kidney	39	..	1	3	1	2	..	..	..	1	...	2	...	1	..	...	...	..	...	...	...	..	...	1	...
51C. Of the prostate gland	220	1	1	4	6	12	2	1	2	4	6	7	5	2	1	5	...	..	2	3	3	..	3	8	4
51D. Of the testicles and annexa	15	..	...	...	...	1	..	..	..	...	1	1	...	..	..	...	...	..	...	1	...	..	...	1	...
51E. Of other male genito-urinary organs	8	..	...	...	...	2	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
52. Cancer of the skin	89	..	1	1	2	6	..	..	1	...	...	1	2	..	1	2	...	..	1	1	8	1	3	2	1
53. Cancer of other or unspecified organs	407	2	2	4	6	27	1	2	2	3	3	7	3	2	1	7	2	..	2	6	5	2	16	3	3
53A. Of the eye and orbit	10	..	...	...	1	1	..	..	..	...	...	...	...	..	..	1	...	1	...	...	...	..	...	...	...
53B. Of the circulatory system	4	..	...	...	...	...	..	..	..	1	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
53C. Of the glandular system	67	..	...	...	1	5	..	1	..	1	...	...	1	..	..	3	...	..	...	1	2	1	3	1	...
53D. Of the female urinary organs	70	1	2	1	4	2	1	..	..	...	...	3	...	1	..	2	...	..	...	2	1	..	5	...	1
53E. Of the bones and joints	55	1	...	1	...	5	..	1	1	...	2	2	...	1	..	2	...	..	...	...	...	..	...	...	1
53F. Of the brain	79	..	...	2	...	5	..	..	..	...	1	1	...	..	..	...	1	..	1	1	2	..	2	...	1
53G. Of the spine and spinal cord	12	..	...	...	...	1	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	1	...	...
53H. Of the neck	14	..	...	...	...	...	..	..	1	...	...	...	...	..	..	...	...	..	...	...	...	..	2	...	...
53I. Of the abdomen	29	..	...	...	...	3	..	..	..	...	...	...	...	..	..	...	1	..	1	...	...	..	...	1	...
53J. Of other specified organs	37	..	...	...	...	2	..	..	..	...	...	...	1	..	..	...	...	..	...	...	...	..	3	1	...
53K. Multiple cancer	25	..	...	...	...	...	3	..	..	...	1	...	1	..	..	...	...	..	...	2	...	..	...	...	...
53M. Of unspecified or unknown location	5	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	1	...	...	...
54. Non-malignant tumours	258	..	6	10	1	23	1	1	..	2	9	12	8	1	1	2	2	..	1	6	5	2	4	4	...
54A. Of the ovary	30	..	...	...	1	1	1	..	..	...	1	3	...	..	..	...	...	..	...	1	2	1	...	1	...
54B. Of the uterus	51	..	2	2	...	4	..	..	..	1	2	2	...	..	..	1	...	..	...	2	...	..	1	1	...
54C. Of other female genital organs	1	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
54D. Of the brain	44	..	...	4	...	1	..	..	..	...	...	3	3	..	1	1	1	..	...	...	1	..	...	2	...
54E. Of the thyroid gland	60	..	3	3	...	9	..	1	..	1	5	3	4	..	..	...	...	..	1	...	2	1	...	...	...
54F. Of the prostate gland	39	..	...	1	...	5	..	..	..	...	...	...	...	..	1	...	...	..	...	...	3	..	...	2	...

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1937—Continued

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	District of Patricia	
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	...	..	42
...	..	...	..	...	..	...	...	...	1	1	..	...	...	...	..	..	..	...	..	...	...	...	...	1	...	...	...	...	...	6	..	43
...	..	...	..	1	..	...	2	...	...	...	..	...	...	...	..	..	..	1	..	...	...	2	...	..	...	2	...	1	1	5	..	44
...	..	...	..	1	..	...	1	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	1	...	..	44A
...	..	...	..	...	..	...	1	...	...	...	..	...	...	...	..	..	..	1	..	...	...	2	...	..	...	2	...	1	...	5	..	44C
56	12	76	8	228	22	31	33	38	61	73	16	36	66	57	26	22	15	60	13	121	39	43	75	23	46	137	84	97	309	1412	..	
55	12	72	8	215	22	31	30	37	57	70	16	36	59	52	26	22	14	56	13	118	39	39	70	20	45	127	82	90	293	1326	..	45–53
...	..	4	..	7	1	1	2	3	1	1	2	1	3	...	2	1	..	1	..	7	1	...	2	2	2	3	6	2	7	45	..	45
28	6	39	4	111	11	17	18	25	26	47	4	18	31	27	21	12	11	35	10	64	23	20	37	10	25	68	32	55	147	621	..	46
1	..	2	..	2	..	...	...	...	1	...	..	1	2	...	..	..	..	...	..	2	2	1	1	..	...	3	1	2	4	29	..	46A
8	3	16	1	41	1	10	8	10	7	26	2	4	17	10	11	5	7	15	7	26	9	13	23	4	9	27	11	21	48	206	..	46B
4	..	3	..	13	3	1	2	3	4	3	1	2	2	4	2	..	..	3	2	4	2	2	3	1	3	8	1	7	20	75	..	46C
3	1	6	..	12	2	1	3	3	4	8	..	3	1	5	4	2	2	7	..	11	6	1	3	2	6	9	4	5	17	77	..	46D
2	..	...	1	12	..	...	...	1	...	1	1	...	1	1	..	..	..	2	..	4	...	...	4	1	2	2	2	2	8	58	..	46E
1	..	...	..	1	..	...	...	...	...	1	..	...	...	1	..	1	..	...	..	...	...	...	...	..	...	...	...	...	1	6	..	46F
9	2	12	2	30	5	5	5	8	10	8	..	8	8	6	4	4	2	8	1	17	4	3	3	2	5	19	13	18	49	170	..	46G
1	..	4	..	12	1	1	...	1	...	...	2	2	3	3	1	1	..	...	..	3	3	3	3	1	1	5	2	2	14	75	..	47
...	..	1	..	5	..	...	...	...	...	...	..	...	...	...	1	1	..	...	..	...	1	...	1	1	...	2	2	...	3	12	..	47A
1	..	3	..	6	..	1	...	1	...	...	2	2	2	3	..	..	..	...	..	3	2	3	2	..	1	3	...	...	11	44	..	47B
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	5	..	47C
...	..	...	..	1	1	...	...	...	...	...	..	...	1	...	..	..	..	...	..	...	...	...	...	..	...	...	...	2	...	14	..	47D
9	2	3	1	21	1	1	3	1	6	2	3	3	6	4	..	2	2	2	1	15	1	3	6	1	2	6	12	5	20	112	..	48
6	2	3	1	13	..	...	2	1	5	2	2	1	5	1	..	1	1	2	1	12	1	2	4	1	2	5	7	4	12	58	..	48A
3	..	...	..	8	1	1	1	...	1	...	1	2	1	3	..	1	1	...	..	3	...	1	2	..	...	1	5	1	8	54	..	48B
...	..	2	..	7	1	1	...	2	...	2	..	...	1	1	..	..	..	1	..	1	2	...	2	1	2	2	2	5	11	45	..	49
6	..	5	..	17	1	4	1	3	10	6	3	7	3	4	..	2	..	6	1	12	4	4	9	1	3	16	10	8	35	145	..	50
4	3	7	3	15	1	2	2	...	6	5	2	1	6	6	..	..	..	6	..	5	3	6	1	1	3	17	11	7	30	121	..	51
3	1	1	..	3	..	1	...	...	...	3	1	...	3	2	..	..	..	1	..	2	...	1	...	..	2	3	3	1	7	55	..	51A
...	2	1	1	...	..	...	1	...	1	...	..	...	...	1	..	..	..	1	..	...	1	...	...	..	...	...	2	...	2	14	..	51B
1	..	5	1	8	1	1	1	...	5	1	1	...	3	2	..	..	..	4	..	3	1	5	1	1	1	13	6	5	20	48	..	51C
...	..	...	1	3	..	...	...	...	...	1	..	...	...	1	..	..	..	...	..	...	1	...	...	..	...	1	...	...	...	2	..	51D
...	..	...	..	1	..	...	...	...	...	...	..	1	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	1	1	2	..	51E
1	..	1	..	4	2	...	...	...	...	1	..	3	...	2	..	..	..	2	..	2	...	1	...	..	2	2	2	...	4	26	..	52
6	1	7	..	21	3	4	4	2	8	6	..	1	6	5	2	4	1	3	1	9	2	2	10	3	5	8	5	6	25	136	..	53
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	1	..	...	..	...	...	...	1	..	...	...	1	1	...	2	..	53A
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	3	..	53B
1	..	1	..	4	1	...	...	...	...	3	..	1	1	1	2	..	..	...	..	1	...	1	2	1	1	5	1	1	5	14	..	53C
2	..	2	..	4	1	1	1	...	2	...	..	...	...	...	..	1	..	...	..	2	...	...	1	..	...	...	...	3	5	19	..	53D
1	..	1	..	2	..	1	1	...	...	2	..	...	3	1	..	..	..	...	..	2	...	...	2	..	...	3	...	...	2	17	..	53E
...	..	1	..	3	1	...	...	1	3	...	..	...	...	...	..	..	..	...	..	2	...	1	2	1	1	...	1	...	6	39	..	53F
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	1	...	...	...	...	..	...	...	...	...	1	8	..	53F
...	..	...	..	2	..	...	...	...	...	...	..	...	1	...	..	..	..	1	..	1	...	...	...	..	...	...	1	...	...	5	..	53H
1	..	1	..	2	..	1	...	...	3	1	..	...	...	1	..	1	..	1	..	...	...	...	...	..	...	...	1	...	2	8	..	53I
1	1	1	..	2	..	1	1	...	...	...	..	...	1	2	..	1	1	1	..	...	2	...	...	1	1	...	...	1	2	10	..	53J
...	..	...	..	1	..	...	1	...	...	...	..	...	...	...	..	..	..	...	..	1	...	...	1	..	2	...	...	...	1	11	..	53K
...	..	...	..	1	..	...	...	1	...	...	..	...	...	...	..	..	..	...	..	...	...	...	1	..	...	...	...	...	1	....	..	53M
1	..	4	..	11	..	...	1	...	2	2	..	...	5	4	..	..	..	4	..	2	...	3	5	3	...	9	2	7	14	78	..	54
1	..	2	..	1	..	...	...	...	1	...	..	...	...	...	..	..	..	...	..	...	...	2	1	..	...	1	1	1	1	6	..	54A
...	..	...	..	2	..	...	...	...	1	1	..	...	...	1	..	..	..	2	..	1	...	...	1	2	...	3	...	3	4	12	..	54B
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	1	...	..	...	...	...	...	...	...	..	54C
...	..	...	..	4	..	...	...	...	...	...	..	...	2	...	..	..	..	...	..	...	...	...	1	..	...	...	...	1	2	17	..	54D
...	..	...	..	1	..	...	...	...	...	1	..	...	2	2	..	..	..	2	..	1	...	...	1	..	...	4	1	...	1	11	..	54E
...	..	...	..	1	..	...	...	...	...	...	..	...	...	1	..	..	..	...	..	...	...	...	1	..	...	1	...	...	2	21	..	54F

TABLE 42—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora	Kent	Lambton	Lanark
54G. Of other or unspecified sites	33	..	1	...	...	3	..	..	..	...	1	1	1	..	..	...	1	..	...	...	...	..	1	...	...
55. Tumours, nature not specified	31	..	...	2	...	...	..	1	..	...	...	1	...	..	..	...	...	..	...	...	1	..	...	...	...
55D. Of the brain	15	..	...	...	...	...	..	..	..	...	...	1	...	..	..	...	...	..	...	...	1	..	...	...	...
55G. Of other or unspecified sites	16	..	...	2	...	...	..	1	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
CLASS III.—RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS AND OTHER GENERAL DISEASES																									
Total	1166	1	18	13	10	58	21	5	7	7	18	48	23	8	4	27	12	3	3	13	25	5	23	20	10
56. Acute rheumatic fever	192	..	4	1	1	8	6	..	..	2	3	7	3	..	3	2	...	..	...	2	2	1	1	3	1
57. Chronic rheumatism, osteo-arthritis	41	..	...	1	2	5	..	..	..	...	1	...	...	..	..	...	1	..	...	...	5	..	1	...	...
59. Diabetes mellitus	579	..	5	9	3	30	1	3	6	3	13	22	9	6	1	12	5	2	2	8	11	1	15	8	4
60. Scurvy	2	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
63. Rickets	9	..	...	...	...	3	..	..	..	...	...	...	...	..	..	...	...	..	...	1	...	..	1	...	...
65. Diseases of the pituitary gland	3	..	...	1	...	...	..	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	...	...	...
66. Diseases of the thyroid and parathyroid glands	233	1	7	...	2	7	6	2	1	1	...	10	7	1	..	10	3	1	1	1	5	1	4	8	3
66A. Simple goitre	29	..	2	...	...	...	2	..	..	...	...	2	1	1	..	1	1	..	...	...	...	..	...	1	
66B. Exophthalmic goitre	180	1	5	...	2	5	2	1	1	...	...	6	5	..	..	9	2	1	1	1	5	1	4	6	2
66C. Myxoedema, cretinism	8	..	...	...	...	...	1	..	..	1	...	...	...	..	..	...	...	..	...	...	...	..	...	1	...
66D. Tetany	11	..	...	...	...	1	1	1	..	...	...	1	1	..	..	...	...	..	...	...	...	..	...	...	1
66E. Others under this title	5	..	...	...	...	1	..	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	...	...	...
67. Diseases of the thymus gland	60	..	1	...	1	3	3	..	..	1	...	7	4	..	..	2	2	..	...	...	...	2	1	...	...
68. Diseases of the adrenals (Addison's disease)	11	..	1	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	1	..	...	1	...
69. Other general diseases	36	..	...	1	1	2	5	..	..	...	1	1	...	1	..	1	1	..	...	1	1	..	...	...	2
69A. Fatty or amyloid degeneration	22	..	...	...	...	2	3	..	..	...	1	1	...	..	..	1	1	..	...	1	...	..	...	...	1
69B. Steatosis	1	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
69C. Others under this title	13	..	...	1	1	...	2	..	..	...	...	...	...	1	..	...	...	..	...	...	1	..	...	...	1
CLAS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS																									
Total	508	2	6	10	16	28	6	3	8	4	12	19	10	2	4	11	2	..	...	6	12	3	11	11	6
70. Haemorrhagic conditions	17	1	...	...	1	3	2	1	..	1	...	...	1	..	..	...	...	..	...	...	...	..	1	1	...
70A. Simple purpura	14	1	...	...	...	3	2	1	..	1	...	...	...	..	..	...	...	..	...	...	...	..	1	1	...
70B. Haemophilia	3	..	...	...	1	...	..	..	..	...	...	...	1	..	..	...	...	..	...	...	...	..	...	...	...
71. Anaemia	292	..	5	7	12	12	3	1	7	3	9	9	3	2	4	7	1	..	...	5	6	1	6	10	5
71A. Pernicious anaemia	275	..	5	7	12	11	3	1	7	2	7	9	3	1	4	7	1	..	...	5	6	1	6	10	5
71B. Others under this title	17	..	...	...	...	1	..	..	..	1	2	...	...	1	..	...	...	..	...	...	...	..	...	...	...
72. Leukaemia and aleukaemia	169	1	1	3	3	12	1	1	1	...	2	7	3	..	..	4	1	..	...	1	5	2	3	...	1
72A. Leukaemia	127	1	1	3	1	10	..	1	..	...	1	7	3	..	..	2	1	..	...	1	4	1	3	...	1
72B. Aleukaemia (Hodgkin's disease)	42	..	...	...	2	2	1	..	1	...	1	...	...	..	..	2	...	..	...	...	1	1	...	...	...
73. Diseases of the spleen	22	..	...	...	...	1	..	..	..	...	1	2	1	..	..	...	...	..	...	...	1	..	...	...	...
74. Other diseases of the blood and blood-forming organs	8	..	...	...	...	...	..	..	..	...	...	1	2	..	..	...	...	..	...	...	...	..	1	...	...
CLASS V.—CHRONIC POISONINGS AND INTOXICATIONS																									
Total	73	..	...	1	...	1	2	..	..	...	1	1	1	1	..	...	...	..	1	1	2	..	2	...	2
75. Alcoholism	63	..	...	1	...	...	2	..	..	...	1	1	1	1	..	...	...	..	...	1	2	..	2	...	2
75A. Delirium tremens	5	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	1	...	..	...	...	...
75B. Other alcoholic intoxications	58	..	...	1	...	...	2	..	..	...	1	1	1	1	..	...	...	..	...	...	2	..	2	...	2
76. Chronic poisoning, by other organic substances	6	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
76A. Chronic morphinism	4	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1937—Continued

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	District of Patricia	
...	..	2	..	2	..	...	1	...	...	...	..	...	1	...	..	..	..	...	..	...	...	...	...	1	...	...	...	2	4	11	..	54G
...	..	...	..	2	..	...	2	1	2	1	..	...	2	1	..	..	1	...	..	1	...	1	...	..	1	1	...	...	2	8	..	55
...	..	...	..	2	..	...	...	1	1	...	..	...	...	...	..	..	..	...	..	1	...	1	...	..	1	1	...	...	1	4	..	55D
...	..	...	..	...	..	...	2	...	1	1	..	...	2	1	..	..	1	...	..	...	...	...	...	..	...	...	...	...	1	4	..	55G
15	4	23	1	35	5	10	9	10	21	7	8	13	18	11	10	6	5	17	1	35	25	23	23	14	6	40	26	25	56	282	..	
4	1	3	..	5	..	2	3	2	1	...	..	4	2	...	3	2	..	3	..	4	5	9	4	2	1	1	4	5	8	64	..	56
1	..	2	1	1	..	...	...	1	1	...	..	2	...	...	..	..	..	...	..	...	...	...	...	1	..	1	...	...	2	12	..	57
6	2	11	..	21	3	6	3	5	13	6	7	3	13	6	5	3	3	9	1	15	14	9	15	7	3	20	12	14	31	134	..	59
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	2	..	60
...	..	...	..	...	1	...	...	...	...	...	..	...	...	...	..	..	..	...	..	2	...	1	...	..	...	...	...	...	...	....	..	63
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	1	....	..	65
4	1	7	..	4	1	1	2	1	4	...	1	2	3	2	..	1	1	4	..	11	5	2	3	..	2	14	8	5	10	52	..	66
1	..	...	..	...	..	...	...	...	2	...	..	...	...	...	..	1	..	1	..	1	...	...	1	..	...	3	2	...	1	5	..	66A
3	1	7	..	3	1	1	2	1	2	...	1	2	3	2	..	..	1	3	..	10	5	2	1	..	2	8	4	3	9	43	..	66B
...	..	...	..	1	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	1	1	...	...	2	..	66C
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	1	..	...	1	1	1	...	1	..	66D
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	1	...	1	...	1	..	66E
...	..	...	..	1	..	...	1	1	1	1	..	2	...	3	..	..	..	1	..	3	...	1	...	4	...	3	...	1	...	10	..	67
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	1	...	...	..	...	1	1	...	2	3	..	68
...	..	...	..	3	..	1	...	...	1	...	..	...	...	...	2	..	1	...	..	...	...	1	1	..	...	...	1	...	2	5	..	69
...	..	...	..	3	..	...	...	...	1	...	..	...	...	...	1	..	..	...	..	...	...	1	1	..	...	...	1	...	2	1	..	69A
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	1	..	69B
...	..	...	..	...	..	1	...	...	...	...	..	...	...	...	1	..	1	...	..	...	...	...	...	..	...	...	...	...	...	3	..	69C
4	6	3	2	19	3	2	3	4	7	13	..	3	9	5	1	2	2	3	..	15	5	5	8	3	4	13	7	5	22	138	..	
...	..	...	..	...	..	...	...	...	...	1	..	...	...	...	..	..	..	...	..	...	...	...	1	..	...	...	...	...	...	3	..	70
...	..	...	..	...	..	...	...	...	...	1	..	...	...	...	..	..	..	...	..	...	...	...	1	..	...	...	...	...	...	2	..	70A
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	1	..	70B
3	2	...	1	12	3	1	2	4	5	9	..	3	5	2	1	1	..	3	..	14	3	3	3	2	2	8	3	4	12	63	..	71
2	2	...	1	10	3	1	2	4	4	9	..	2	5	1	1	..	..	3	..	14	3	3	3	1	2	7	3	4	12	60	..	71A
1	..	...	..	2	..	...	...	...	1	...	..	1	...	1	..	1	..	...	..	...	...	...	...	1	...	1	...	...	...	3	..	71B
1	4	3	1	5	..	...	1	...	2	3	..	...	3	3	..	1	2	...	..	1	2	1	4	1	1	5	4	1	9	59	..	72
1	1	2	1	4	..	...	1	...	1	2	..	...	1	3	..	..	2	...	..	1	1	1	2	1	1	3	4	1	5	47	..	72A
...	3	1	..	1	..	...	...	...	1	1	..	...	2	...	..	1	..	...	..	...	1	...	2	..	...	2	...	...	4	12	..	72B
...	..	...	..	2	..	1	...	...	...	...	..	...	1	...	..	..	..	...	..	...	...	1	...	..	1	...	...	...	...	10	..	73
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	1	3	..	74
...	..	1	..	6	..	...	...	...	3	...	..	1	...	...	..	..	..	2	..	2	...	2	3	3	...	...	4	2	6	22	..	
...	..	1	..	3	..	...	...	...	3	...	..	1	...	...	..	..	..	2	..	1	...	2	3	3	...	...	4	1	6	19	..	75
...	..	...	..	...	..	...	...	...	1	...	..	1	...	...	..	..	..	1	..	...	...	...	...	..	...	...	...	...	...	1	..	75A
...	..	1	..	3	..	...	...	...	2	...	..	...	...	...	..	..	..	1	..	1	...	2	3	3	...	...	4	1	6	18	..	75B
...	..	...	..	3	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	1	...	...	...	..	...	...	...	...	...	2	..	76
...	..	...	..	2	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	1	...	...	...	..	...	...	...	...	...	1	..	76A

TABLE 42—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora	Kent	Lambton	Lanark
76D. Other organic poisoning	2	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
77. Chronic poisoning by mineral substances....	4	..	...	...	...	1	..	..	..	...	...	...	...	..	..	...	...	..	1	...	...	..	...	...	...
77A. Lead (including occupational)............	3	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	1	...	...	..	...	...	...
77C. Others under this title..	1	..	...	...	...	1	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE																									
Total..............	1714	1	19	22	27	95	13	7	10	10	26	51	38	11	16	35	8	5	8	24	19	7	14	41	18
78. Encephalitis (non-epidemic)............	28	..	...	1	...	1	..	..	..	...	...	4	2	..	..	...	...	..	...	...	...	..	...	1	...
79. Simple meningitis.......	46	..	1	...	1	3	1	..	..	...	2	2	...	..	2	...	...	..	...	...	...	..	...	...	...
80. Progressive locomotor ataxia (tabes dorsalis).	27	..	1	2	...	3	1	..	..	1	..	1	1	1	..	...	...	..	...	...	...	..	...	...	1
81. Other diseases of the spinal cord...............	90	..	3	2	1	6	..	..	..	3	...	5	3	..	1	1	...	..	...	1	1	1	1	4	1
82. Cerebral haemorrhage, cerebral embolism and thrombosis..........	770	..	5	9	18	46	4	4	7	3	21	23	9	6	11	15	4	4	3	14	10	4	8	22	11
82A. Cerebral haemorrhage..	609	..	5	7	14	27	2	3	6	2	15	16	6	6	9	15	4	4	3	14	9	4	7	20	4
82B. Cerebral embolism and thrombosis..........	79	..	...	2	1	9	1	1	..	...	5	1	3	..	2	...	...	..	...	...	1	..	...	2	1
82C. Softening of the brain..	8	..	...	...	...	2	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	1
82D. Hemiplegia and other paralysis, cause not specified............	74	..	...	...	3	8	1	..	1	1	1	6	...	..	..	...	...	..	...	...	...	..	1	...	5
83. General paralysis of the insane...............	82	1	...	1	1	...	..	..	..	...	...	1	3	..	..	...	...	..	...	1	...	..	...	...	...
84. Dementia praecox and other psychoses......	184	..	...	...	...	2	2	..	..	...	...	1	9	..	..	2	...	..	1	2	2	..	...	2	...
84A. Dementia praecox.....	141	..	...	...	...	...	1	..	..	...	...	1	8	..	..	1	...	..	...	...	1	..	...	1	...
84B. Other psychoses......	43	..	...	...	...	2	1	..	..	...	...	...	1	..	..	1	...	..	1	2	1	..	...	1	...
85. Epilepsy...............	91	..	4	...	2	6	..	2	..	...	1	2	3	..	1	4	2	1	1	...	...	..	...	1	2
86. Convulsions (under 5 years of age).............	30	..	...	...	...	3	3	..	..	...	...	...	1	..	..	...	...	..	...	1	...	..	1	...	...
87. Other diseases of the nervous system.........	252	..	4	3	3	14	..	1	2	3	4	4	3	3	3	11	2	..	3	2	4	..	4	9	2
87A. Chorea...............	4	..	...	1	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
87B. Neuralgia and neuritis..	15	..	1	...	...	1	..	..	..	...	...	1	1	1	..	...	...	..	...	...	...	..	...	1	...
87C. Paralysis agitans.......	105	..	2	2	2	5	..	1	1	3	1	1	...	1	1	5	...	..	1	1	2	..	...	3	1
87D. Sclerosis (other than of the spinal cord)......	75	..	...	...	...	7	..	..	1	...	1	2	1	..	2	3	1	..	1	1	1	..	3	3	1
87E. Others under this title..	53	..	1	...	1	1	..	..	..	...	2	...	1	1	..	3	1	..	1	...	1	..	1	2	...
88. Diseases of the organs of vision..............	16	..	1	...	...	1	..	..	..	...	...	...	1	..	..	...	...	..	...	...	...	..	...	1	...
89. Diseases of the ear and mastoid process......	98	..	...	4	1	10	2	..	1	...	...	8	1	1	..	...	...	..	...	3	2	2	...	1	1
89A. Otitis................	51	..	...	2	1	4	2	..	..	...	...	4	1	1	..	...	...	..	...	1	1	1	...	1	1
89B. Diseases of the mastoid process.............	46	..	...	2	...	6	..	..	1	...	...	4	...	..	..	...	...	..	...	2	1	1	...	...	...
89C. Others under this title..	1	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM																									
Total..............	12050	23	120	225	181	663	76	63	65	116	201	382	232	71	63	250	106	16	102	223	219	60	259	211	147
90–95. Diseases of the heart.	7226	17	82	160	102	408	54	39	41	56	136	207	126	43	31	147	59	7	69	129	115	40	151	128	77
90. Pericarditis...........	10	..	1	...	...	1	..	..	1	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
91. Acute endocarditis......	72	..	2	3	2	5	..	..	..	...	1	4	...	..	..	2	...	..	1	...	1	1	...	...	1
91A. Endocarcitis specified as acute...............	57	..	2	2	1	4	..	..	..	...	1	4	...	..	..	...	...	..	1	...	1	1	...	...	1
91B. Endocarditis, unspecified (under 45 years of age)	15	..	...	1	1	1	..	..	..	...	...	...	...	..	..	2	...	..	...	...	...	..	...	...	...
92. Chronic endocarditis, valvular diseases......	1007	2	26	24	22	43	13	9	8	7	12	20	14	14	5	24	8	..	12	12	13	14	25	24	10
92A. Endocarditis specified as chronic and other valvular diseases.........	848	2	23	20	19	33	11	8	7	6	8	16	14	11	3	22	6	..	8	12	12	12	19	18	10

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1937—Continued

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	District of Patricia	
...	..	...	..	1	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	1	..	76D
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	1	...	1	..	77
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	1	...	1	..	77A
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	....	..	77C
27	1	26	5	79	2	12	9	23	65	29	10	9	29	17	12	9	12	12	10	60	18	22	18	22	10	28	16	32	115	450	..	
...	..	...	..	3	..	...	...	...	...	...	1	...	1	...	..	..	..	...	..	2	...	1	...	..	...	1	2	...	1	7	..	78
...	..	3	..	1	..	...	1	...	...	...	..	...	1	...	3	..	1	2	..	...	1	2	...	2	...	1	1	1	5	9	..	79
1	..	...	..	1	..	...	...	1	...	...	..	...	...	...	1	..	..	...	1	...	...	1	1	..	...	...	...	...	3	5	..	80
...	..	...	..	7	..	1	1	1	...	1	..	...	4	...	1	..	2	...	..	5	...	1	1	..	...	2	3	1	4	21	..	81
11	1	14	4	19	2	5	5	15	17	13	6	5	15	12	4	9	6	8	7	26	13	8	10	12	7	14	4	21	35	181	..	82
8	1	13	3	17	1	4	5	14	13	11	5	3	10	10	2	7	5	6	4	22	12	5	10	10	4	9	2	17	29	145	..	82A
2	..	...	..	1	1	...	...	1	2	...	..	1	2	2	..	1	1	2	..	1	1	1	...	..	2	...	1	1	4	23	..	82B
...	..	...	..	...	..	...	...	...	...	...	..	...	2	...	1	..	..	...	..	...	...	...	...	..	...	...	...	...	...	2	..	82C
1	..	1	1	1	..	1	1	...	2	2	1	1	1	...	1	1	..	...	3	3	...	2	...	2	1	5	1	3	2	11	..	82D
5	..	1	..	15	..	2	...	1	8	...	..	...	...	...	..	..	..	...	..	...	1	1	1	..	...	...	1	...	14	24	..	83
4	..	...	..	16	..	...	...	1	28	...	1	...	1	...	..	..	..	...	..	2	...	...	...	1	...	1	1	1	31	73	..	84
3	..	...	..	11	..	...	...	1	20	...	1	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	1	...	28	63	..	84A
1	..	...	..	5	..	...	...	...	8	...	..	...	1	...	..	..	..	...	..	2	...	...	...	1	...	1	...	1	3	10	..	84B
1	..	2	..	2	..	1	...	1	...	5	..	3	1	3	1	..	..	2	2	11	...	1	...	1	1	2	1	2	3	13	..	85
1	..	...	..	1	..	1	...	1	...	1	1	...	...	...	2	..	..	...	..	1	...	1	...	2	...	1	...	...	3	5	..	86
2	..	5	1	14	..	1	2	1	11	8	..	1	6	1	..	..	3	...	..	10	2	2	...	2	2	5	2	3	8	76	..	87
...	..	...	..	...	..	...	...	...	1	...	..	...	...	...	..	..	..	...	..	1	...	...	...	..	...	...	...	...	...	1	..	87A
...	..	...	..	...	..	...	...	...	2	...	..	...	1	...	..	..	..	...	..	...	1	...	...	..	...	...	...	...	...	5	..	87B
1	..	3	1	5	..	1	1	1	2	...	..	1	4	1	..	..	2	...	..	4	...	...	...	..	1	2	2	1	5	34	..	87C
...	..	1	..	3	..	...	1	...	1	8	..	...	1	...	..	..	..	...	..	1	1	...	...	1	...	2	...	1	2	24	..	87D
1	..	1	..	6	..	...	...	...	5	...	..	...	...	...	..	..	1	...	..	4	...	2	...	1	1	1	...	1	1	12	..	87E
1	..	...	..	...	..	...	...	...	...	1	..	...	...	...	..	..	..	...	..	...	...	...	1	..	...	...	...	1	1	7	..	88
1	..	1	..	...	..	1	...	1	1	...	1	...	...	1	..	..	..	...	..	3	1	4	4	2	...	1	1	2	7	29	..	89
1	..	...	..	...	..	...	...	1	1	...	1	...	...	...	..	..	..	...	..	2	1	4	...	..	...	...	1	1	4	14	..	89A
...	..	1	..	...	..	1	...	...	...	...	..	...	...	1	..	..	..	...	..	1	...	...	3	2	...	1	...	1	3	15	..	89B
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	1	..	...	...	...	...	...	....	..	89C
213	34	166	41	527	78	112	142	176	228	230	71	96	192	179	60	88	27	170	26	315	108	109	128	64	111	302	255	200	675	2853	..	
105	18	88	28	326	48	64	73	111	130	140	44	62	113	102	30	51	16	108	11	209	69	74	91	45	60	178	136	104	365	1803	..	90–95
...	..	...	..	1	..	...	...	...	...	...	..	...	...	...	..	..	..	1	..	...	...	...	...	..	...	...	...	1	...	4	..	90
...	..	1	2	3	..	2	...	...	...	2	..	...	...	...	..	..	..	...	..	4	2	2	...	2	...	2	3	...	3	21	..	91
...	..	1	2	3	..	1	...	...	...	1	..	...	...	...	..	..	..	...	..	2	1	2	...	2	...	...	2	...	3	19	..	91A
...	..	...	..	...	..	1	...	...	...	1	..	...	...	...	..	..	..	...	..	2	1	...	...	..	...	2	1	...	...	2	..	91B
21	3	13	4	22	3	14	6	11	24	24	4	15	17	14	6	12	5	32	2	35	11	14	11	6	12	23	23	24	33	202	..	92
17	2	8	4	17	3	9	4	10	23	20	3	14	12	13	2	10	5	28	2	28	11	11	9	5	11	12	21	20	31	183	..	92A

TABLE 42—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora	Kent	Lambton	Lanark
92B. Endocarditis, unspecified (45 years and over)...	159	..	3	4	3	10	2	1	1	1	4	4	...	3	2	2	2	..	4	...	1	2	6	6	...
93. Diseases of the myocardium................	2264	6	26	56	38	167	13	13	15	16	41	57	44	16	6	53	15	4	22	46	37	7	53	41	26
93A. Acute myocarditis......	96	..	...	3	...	8	..	..	5	...	1	3	1	1	..	...	1	..	...	1	...	1	4	2	...
93B. Myocarditis, unspecified (under 45 years of age)	39	..	5	...	...	2	1	..	1	...	...	2	2	..	..	1	...	..	...	1	...	..	...	...	...
93C. Chronic myocarditis and myocardial degeneration...............	1357	4	13	39	23	95	7	11	2	13	23	26	31	9	5	29	7	4	17	26	26	2	28	31	12
93D. Myocarditis, unspecified (45 years and over)..	772	2	8	14	15	62	5	2	7	3	17	26	10	6	1	23	7	..	5	18	11	4	21	8	14
94. Diseases of the coronary arteries and angina pectoris.............	3518	9	26	66	36	176	22	17	11	31	77	108	60	6	20	61	35	3	34	62	53	18	63	57	36
94A. Diseases of the coronary arteries..............	119	..	...	2	...	2	2	1	..	...	5	5	4	..	..	3	1	..	1	...	...	..	1	1	1
94B. Embolism and thrombosis of the coronary arteries...............	2895	6	15	58	31	141	16	14	8	27	63	84	50	1	16	51	25	2	28	50	47	14	45	47	31
94C. Angina pectoris.........	504	3	11	6	5	33	4	2	3	4	9	19	6	5	4	7	9	1	5	12	6	4	17	9	4
95. Other diseases of the heart	355	..	1	11	4	16	6	..	6	2	5	18	8	7	..	7	1	..	...	9	11	..	10	6	4
95A. Functional diseases of the heart............	62	..	...	1	...	...	..	..	..	...	3	7	...	2	..	...	...	..	...	2	1	..	2	4	...
95B. Other and unspecified...	293	..	1	10	4	16	6	..	6	2	2	11	8	5	..	7	1	..	...	7	10	..	8	2	
96. Aneurysm (except of the heart)...............	70	..	...	2	...	5	..	1	..	...	...	2	1	..	..	1	1	..	1	...	2	..	1	2	...
97. Arteriosclerosis (of coronary arteries excepted)..	3807	6	26	55	62	203	19	22	20	55	47	135	91	22	29	86	36	2	24	70	73	16	78	70	61
98. Gangrene..............	116	..	1	...	3	12	1	..	1	1	1	4	3	..	1	2	2	..	...	2	2	1	4	1	...
99. Other diseases of the arteries.............	43	..	...	1	...	1	..	1	..	...	...	1	1	..	..	2	...	..	...	1	5	..	...	...	...
100. Diseases of the veins (varices, haemorrhoids, phlebitis, etc.)........	61	..	...	...	1	4	..	..	..	...	2	2	...	..	..	2	...	1	3	1	1	..	2	1	...
101. Diseases of the lymphatic system (lymphangitis, etc.)................	11	..	1	...	...	1	..	..	..	...	...	1	1	..	..	...	...	..	...	...	...	..	...	...	...
102. Idiopathic abnormalities of blood pressure......	713	..	10	7	13	29	2	..	3	4	15	30	9	6	2	10	8	6	5	20	21	3	23	9	9
103. Other diseases of the circulatory system.........	3	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM																									
Total...............	3144	6	30	39	43	142	62	13	20	23	34	119	41	22	22	62	12	4	14	63	40	22	40	40	26
104. Diseases of the nasal fossae and annexa........	42	1	...	...	...	...	..	1	2	...	...	1	...	..	..	1	1	..	2	3	...	..	2	...	...
105. Diseases of the larynx...	20	..	...	...	...	...	1	..	..	...	...	...	1	1	..	...	...	..	...	1	...	..	2	1	...
105A. Croup...............	5	..	...	...	...	...	..	..	..	...	...	...	...	1	..	...	...	..	...	1	...	..	1	...	...
105B. Other diseases of the larynx...............	15	..	...	...	...	...	1	..	..	...	...	...	1	..	..	...	...	..	...	...	...	..	1	1	...
106. Bronchitis.............	85	1	1	...	4	1	..	..	..	...	2	2	1	3	1	...	...	..	...	...	...	1	1	2	...
106A. Acute...............	30	..	1	...	2	1	..	..	..	...	...	1	1	1	1	...	...	..	...	...	...	..	...	1	...
106B. Chronic.............	39	1	...	...	2	...	..	..	..	...	1	1	...	2	..	...	...	..	...	...	...	1	...	1	...
106C. Unspecified...........	16	..	...	...	...	...	..	..	..	...	1	...	...	..	..	...	...	..	...	...	...	..	1	...	...
107. Bronchopneumonia......	1305	1	16	19	16	51	36	5	3	10	8	30	15	3	10	23	4	4	6	21	21	8	18	17	10
107A. Bronchopneumonia....	1300	1	16	19	16	51	36	5	3	10	8	30	15	3	10	23	4	4	6	21	21	8	18	17	10
107B. Capillary bronchitis....	5	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
108. Lobar pneumonia.......	985	2	6	12	13	61	17	6	5	12	7	50	11	2	4	24	4	..	1	22	14	4	9	14	9
109. Pneumonia, unspecified..	305	1	5	3	6	11	6	..	8	1	8	11	6	6	4	5	2	..	1	10	2	8	3	1	4
110. Pleurisy..............	88	..	...	...	1	4	..	..	..	...	1	5	...	1	1	...	...	..	...	1	2	..	2	1	3
111. Congestion and haemorrhagic infarct of the lung, etc..................	73	..	...	...	2	3	..	1	..	...	1	4	2	..	..	2	1	..	...	1	...	..	...	3	...
111A. Pulmonary embolism and thrombosis........	4	..	...	...	...	1	..		1	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
111B. Others under this title..	69	..	...	...	2	2	..	..	..	...	1	4	2	..	..	2	1	..	...	1	...	..	...	3	...
112. Asthma.........	190	..	2	5	...	8	1	..	2	...	7	14	4	6	2	7	...	..	2	2	1	1	2	...	...
113. Pulmonary emphysema..	5	..	...	...	1	...	1	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
114. Other diseases of the respiratory system (tuberculosis excepted)......	46	..	...	...	...	3	..	..	..	...	...	2	1	..	..	...	...	..	2	2	...	..	1	1	...

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1937—Continued

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	District of Patricia	
4	1	5	..	5	..	5	2	1	1	4	1	1	5	1	4	2	..	4	..	7	...	3	2	1	1	11	2	4	2	19	..	92B
39	6	28	10	109	17	11	21	43	33	52	20	14	56	43	15	13	3	49	5	53	34	16	13	19	12	59	41	29	116	467	..	93
1	..	1	..	9	..	1	...	...	1	1	..	...	1	4	1	1	..	1	..	1	2	2	...	1	...	3	1	1	5	27	..	93A
...	..	...	..	...	..	...	...	...	1	...	..	...	3	...	1	..	1	...	..	2	1	2	...	2	...	...	3	...	5	3	..	93B
31	6	12	6	64	17	8	10	37	24	22	13	9	24	22	10	9	..	25	2	34	7	8	12	11	7	23	23	18	56	324	..	93C
7	..	15	4	36	..	2	11	6	7	29	7	5	28	17	3	3	2	23	3	16	24	4	1	5	5	33	14	10	50	113	..	93D
32	8	45	7	164	25	30	45	52	65	56	15	31	34	38	3	24	7	24	4	110	19	36	66	15	33	85	63	45	119	1051	..	94
...	..	2	1	7	..	...	2	2	...	4	1	...	...	...	..	1	3	1	..	2	...	2	19	..	...	2	1	3	5	32	..	94A
25	7	35	3	117	20	25	36	34	57	33	11	30	32	32	2	21	3	17	1	98	14	32	44	14	25	71	56	36	175	919	..	94B
7	1	8	3	40	5	5	7	16	8	19	3	1	2	6	1	2	1	6	3	10	5	2	3	1	8	12	6	6	19	100	..	94C
13	1	1	5	27	3	7	1	5	8	6	5	2	6	7	6	2	1	2	..	7	3	6	1	3	3	9	6	5	14	58	..	95
1	..	...	1	9	..	...	1	1	2	...	..	2	2	1	..	..	..	1	..	1	...	1	1	..	...	1	...	1	2	12	..	95A
12	1	1	4	18	3	7	...	4	6	6	5	...	4	6	6	2	1	1	..	6	3	5	...	3	3	8	6	4	12	46	..	95B
...	..	2	..	3	..	2	...	...	2	...	..	...	1	...	1	..	..	...	..	...	...	1	...	..	...	1	3	1	11	23	..	96
100	15	60	9	156	24	43	56	54	87	78	17	29	62	64	21	33	8	51	12	87	28	26	25	9	43	101	93	86	256	766	..	97
3	1	4	1	9	1	...	...	2	...	4	2	...	3	1	1	1	..	2	1	2	2	1	3	1	1	2	3	1	3	19	..	98
1	..	...	..	2	..	...	...	...	...	...	..	1	1	...	1	..	..	...	..	2	2	...	3	..	...	1	2	1	2	11	..	99
...	..	...	..	1	1	...	3	...	...	...	..	...	2	1	..	1	..	1	..	2	2	2	...	1	...	2	1	...	2	19	..	100
...	..	...	..	1	..	...	...	...	...	...	..	...	1	...	1	..	..	...	..	...	...	...	...	..	...	2	...	...	...	2	..	101
4	..	11	3	29	4	3	10	9	9	8	8	4	9	11	5	2	3	8	2	13	4	5	6	8	7	15	16	7	36	210	..	102
...	..	1	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	1	...	...	..	...	...	1	...	...	....	..	103
44	4	42	9	154	23	42	20	31	58	52	14	22	52	45	15	22	14	47	17	75	49	67	42	44	26	52	59	54	202	807	1	
...	..	...	..	1	..	1	...	...	...	...	1	...	1	...	..	..	..	...	..	1	1	1	...	1	...	1	1	1	2	15	..	104
1	..	...	..	3	..	...	...	1	1	...	..	...	...	...	..	..	..	...	2	1	...	...	...	1	...	...	...	1	...	2	..	105
1	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	1	...	...	...	...	..	...	...	...	...	...	....	..	105A
...	..	...	..	3	..	...	...	1	1	...	..	...	...	...	..	..	..	...	1	1	...	...	...	1	...	...	...	1	...	2	..	105B
...	1	2	..	1	1	...	1	2	1	3	..	1	1	3	..	4	..	2	1	3	2	1	...	..	1	1	...	...	5	28	..	106
...	..	1	..	...	1	...	...	1	...	...	..	...	...	1	..	..	..	...	..	1	2	...	...	..	...	1	...	...	1	12	..	106A
...	1	1	..	1	..	...	1	1	1	2	..	...	...	...	..	4	..	...	1	1	...	1	...	..	1	...	...	...	3	11	..	106B
...	..	...	..	...	..	...	...	...	...	1	..	1	1	2	..	..	..	2	..	1	...	...	...	..	...	...	...	...	1	5	..	106C
16	1	13	4	72	12	23	7	11	26	24	8	9	16	18	5	9	2	22	2	30	23	32	5	10	7	21	15	16	97	393	1	107
16	1	13	4	72	12	22	7	11	26	24	8	9	16	18	5	9	2	22	2	30	23	32	5	10	7	20	15	16	97	390	1	107A
...	..	...	..	...	..	1	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	1	...	...	...	3	..	107B
16	1	16	3	40	6	14	7	13	18	18	2	5	22	12	5	6	3	12	8	23	14	20	22	13	12	13	33	9	63	227	..	108
4	1	2	2	15	2	2	3	2	6	2	2	4	6	5	1	2	7	6	4	7	2	5	4	9	3	12	6	8	15	44	..	109
...	..	2	..	5	..	2	...	...	2	1	..	...	1	...	1	..	..	...	..	2	1	2	5	3	1	2	1	4	5	26	..	110
4	..	4	..	2	..	...	...	1	2	1	1	1	3	2	..	..	1	3	..	2	1	...	2	..	2	...	1	3	4	13	..	111
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	1	...	...	..	...	...	...	...	...	1	..	111A
4	..	4	..	2	..	...	...	1	2	1	1	1	3	2	..	..	1	3	..	2	...	...	2	..	2	...	1	3	4	12	..	111B
1	..	2	..	11	2	...	2	1	1	3	..	2	2	5	2	1	..	2	..	4	4	4	3	6	...	1	2	11	8	44	..	112
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	3	..	113
2	..	1	..	4	..	...	...	...	1	...	..	...	...	...	1	..	1	...	..	2	1	2	1	1	...	1	...	1	3	12	..	114

TABLE 42—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora	Kent	Lambton	Lanark
114A. Chronic interstitial pneumonia including occupational diseases of the respiratory system..	9	..	...	...	...	1	..	..	..	...	...	...	...	..	..	...	...	..	1	...	...	..	1	...	...
114C. Others under this title..	37	..	...	...	...	2	..	..	..	...	...	2	1	..	..	...	...	..	1	2	...	..	...	1	...
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM																									
Total	2454	4	45	33	26	230	56	12	6	15	30	94	54	11	7	54	7	3	5	50	27	14	46	37	21
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations)	158	1	...	2	1	6	3	..	1	...	4	5	5	..	..	6	2	..	...	3	3	4	8	2	2
115A. Diseases of the buccal cavity and annexa	43	..	...	...	1	2	..	..	1	...	1	...	2	..	..	4	1	..	...	2	3	..	2	...	1
115B. Diseases of the tonsils..	53	..	...	...	...	1	1	..	..	...	2	2	1	..	..	1	...	..	...	1	...	1	3	2	...
115C. Others under this title..	62	1	...	2	...	3	2	..	..	...	1	3	2	..	..	1	1	..	...	...	...	3	3	...	1
116. Diseases of the oesophagus	9	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
117. Ulcer of the stomach or duodenum	302	1	9	4	6	17	3	1	1	2	4	7	5	1	1	5	1	2	...	6	5	3	5	2	1
117A. Ulcer of the stomach...	159	1	6	1	3	13	3	1	1	1	2	6	3	1	1	5	1	..	...	4	4	..	2	2	1
117B. Ulcer of the duodenum.	143	..	3	3	3	4	..	..	..	1	2	1	2	..	..	...	...	2	...	2	1	3	3	...	...
118. Other diseases of the stomach	54	..	3	...	...	4	..	..	..	...	1	1	3	1	..	1	...	..	...	2	...	1	...	3	...
119. Diarrhoea and enteritis (under 2 years of age)..	399	1	10	2	4	93	30	2	1	...	3	8	5	5	3	6	...	1	2	10	2	..	...	9	...
120. Diarrhoea and enteritis (2 years and over)	164	..	2	4	3	24	5	..	2	2	2	4	2	1	..	6	3	..	...	...	...	..	2	3	3
120A. Diarrhoea and enteritis.	126	..	2	2	3	23	4	..	1	2	2	2	1	1	..	5	3	..	...	...	...	..	1	3	2
120B. Ulceration of the intestines	38	..	...	2	...	1	1	..	1	...	...	2	1	..	..	1	...	..	...	...	...	..	1	...	1
121. Appendicitis	370	..	8	5	5	28	10	3	..	2	6	24	14	..	1	10	...	..	...	9	1	1	8	3	4
122. Hernia, intestinal obstruction	415	..	8	6	2	27	2	5	1	5	5	16	6	1	..	8	...	..	...	8	6	3	11	8	2
122A. Hernia	207	..	2	2	1	15	2	1	..	2	2	8	4	1	..	2	...	..	...	4	4	..	5	4	1
122B. Intestinal obstruction..	208	..	6	4	1	12	..	4	1	3	3	8	2	..	..	6	...	..	...	4	2	3	6	4	1
123. Other diseases of the intestines	67	..	1	...	1	1	..	..	..	...	...	6	1	..	..	2	...	..	...	1	1	..	2	...	2
124. Cirrhosis of the liver....	129	1	1	1	2	10	1	..	..	...	1	5	1	..	..	1	...	..	...	1	3	..	2	1	3
124A. Specified as alcoholic...	14	..	...	...	...	...	1	..	..	...	1	1	...	..	..	...	...	..	...	...	...	..	1	...	...
124B. Not specified as alcoholic	115	1	1	1	2	10	..	..	..	...	...	4	1	..	..	1	...	..	...	1	3	..	1	1	3
125. Other diseases of the liver	42	..	...	...	...	1	1	..	..	2	...	2	2	..	..	1	1	..	...	1	...	..	...	...	...
125A. Yellow atrophy of the liver	12	..	...	...	...	1	..	..	..	...	...	1	...	..	..	...	...	..	...	1	...	..	...	...	...
125B. Others under this title..	30	..	...	...	...	...	1	..	..	2	...	1	2	..	..	1	1	..	...	...	...	..	...	...	...
126. Biliary calculi	149	..	2	2	1	6	..	..	..	1	3	9	6	1	1	3	...	..	...	6	3	1	5	3	1
127. Other diseases of the gall-bladder and biliary passages	153	..	1	6	...	11	1	1	..	1	1	6	4	..	1	5	...	..	2	2	3	1	2	3	3
128. Diseases of the pancreas.	16	..	...	1	...	1	..	..	..	...	...	...	...	1	..	...	...	..	...	...	...	..	...	...	...
129. Peritonitis, cause not specified	27	..	...	...	1	1	..	..	..	...	...	1	...	..	..	...	...	..	1	1	...	..	1	...	...
CLASS X.—DISEASES OF THE GENITO-URINARY SYSTEM																									
Total	2796	6	40	59	43	148	24	9	18	25	41	129	60	12	22	51	12	2	12	62	56	6	66	61	36
130. Acute nephritis (including unspecified, under 10 years of age)	61	..	2	1	...	2	1	1	..	1	1	1	1	..	..	3	...	..	...	1	...	..	...	...	1
131. Chronic nephritis	1417	5	19	34	27	84	14	4	12	10	28	73	34	5	15	26	7	..	6	45	23	4	34	33	19
132. Nephritis, unspecified (10 years and over)	468	..	9	6	8	14	2	..	4	5	3	23	4	5	5	7	3	..	4	5	15	1	12	11	8
133. Other diseases of the kidneys and ureters	128	..	1	1	1	5	2	..	1	2	...	8	4	1	1	1	...	..	1	...	2	..	...	4	1
134. Calculi of the urinary passages	60	..	...	1	...	2	2	..	..	...	...	1	3	..	..	1	...	..	...	1	1	..	1	2	...
135. Diseases of the bladder (tumours excepted)....	79	..	1	2	2	4	..	..	..	2	2	2	1	..	..	...	...	1	...	1	1	..	4	2	3
136. Diseases of the urethra, urinary abscess, etc.....	28	..	1	...	...	3	..	..	..	...	...	1	3	..	..	...	...	..	...	2	...	..	...	1	1

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1937—Continued

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	District of Patricia	
1	..	...	..	...	..	...	...	...	1	...	..	...	...	...	..	..	..	...	..	...	...	...	...	1	...	1	...	...	...	2	..	114A
1	..	1	..	4	..	...	...	...	...	...	..	...	...	...	1	..	1	...	..	2	1	2	1	..	...	...	...	1	3	10	..	114C
27	1	31	6	89	7	45	15	11	33	39	12	12	32	40	44	11	14	47	19	56	41	50	36	33	17	62	41	42	113	540	1	
2	..	2	..	5	1	1	...	1	3	1	..	1	3	1	..	2	..	5	..	3	1	6	4	..	2	5	3	7	9	32	..	115
...	..	1	..	1	..	...	...	...	1	...	..	1	1	...	..	..	..	...	..	3	...	...	1	..	1	1	...	3	4	5	..	115A
1	..	...	..	3	1	...	...	1	2	...	..	...	...	...	..	2	..	4	..	...	1	2	1	..	1	2	2	1	1	13	..	115B
1	..	1	..	1	..	1	...	...	...	1	..	...	2	1	..	..	..	1	..	...	...	4	2	..	...	2	1	3	4	14	..	115C
...	..	...	..	1	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	1	7	..	116
3	..	2	1	12	1	...	1	1	3	5	2	1	5	6	1	2	4	1	..	14	5	2	5	3	2	6	6	6	16	94	..	117
1	..	...	1	9	..	...	1	...	1	3	1	1	4	1	1	1	2	...	..	10	2	2	1	1	1	5	3	5	6	34	..	117A
2	..	2	..	3	1	...	...	1	2	2	1	...	1	5	..	1	2	1	..	4	3	...	4	2	1	1	3	1	10	60	..	117B
...	..	...	..	2	1	1	...	1	2	...	..	...	...	5	5	..	..	2	..	...	...	...	...	..	1	...	...	1	2	11	..	118
2	..	2	2	5	1	21	4	1	3	4	1	...	2	3	18	2	2	12	8	8	15	20	...	13	...	4	5	...	9	35	..	119
1	..	1	1	5	1	5	2	1	1	4	..	...	4	...	1	2	1	4	2	10	2	2	2	1	2	4	...	2	6	29	..	120
1	..	...	1	1	..	5	1	1	1	4	..	...	4	...	1	2	1	4	2	8	2	1	1	1	2	4	...	1	4	16	..	120A
...	..	1	..	4	1	...	1	...	...	...	..	...	...	...	..	..	..	...	..	2	...	1	1	..	...	...	...	1	2	13	..	120B
5	1	4	1	13	2	9	1	2	6	6	2	...	5	11	3	2	2	7	2	6	5	11	6	6	4	14	7	5	17	63	..	121
6	..	10	..	21	..	4	2	2	2	11	4	3	4	4	7	1	5	7	..	8	7	6	9	7	5	13	3	10	24	99	1	122
3	..	5	..	10	..	3	1	1	...	2	2	1	4	1	5	..	2	5	..	3	5	4	4	3	3	9	1	6	16	48	..	122A
3	..	5	..	11	..	1	1	1	2	9	2	2	...	3	2	1	3	2	..	5	2	2	5	4	2	4	2	4	8	51	1	122B
1	..	...	..	4	..	...	1	1	...	1	..	2	...	1	..	..	..	1	..	2	1	...	...	..	...	...	1	...	4	29	..	123
2	..	4	..	7	..	2	1	...	3	...	2	1	1	1	4	..	..	2	4	2	2	1	3	..	...	6	9	3	7	28	..	124
...	..	1	..	...	..	1	...	...	1	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	1	3	...	1	2	..	124A
2	..	3	..	7	..	1	1	...	2	...	2	1	1	1	4	..	..	2	4	2	2	1	3	..	...	5	6	3	6	26	..	124B
1	..	...	..	1	..	...	1	...	1	1	..	1	2	1	2	..	..	1	..	1	1	...	...	1	1	...	...	...	1	14	..	125
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	1	...	...	...	..	1	...	...	...	...	7	..	125A
1	..	...	..	1	..	...	1	...	1	1	..	1	2	1	2	..	..	1	..	...	1	...	...	1	...	...	...	...	1	7	..	125B
...	..	2	..	6	..	2	...	...	3	1	..	...	3	2	1	..	..	4	..	...	2	1	3	..	...	5	1	5	12	42	..	126
4	..	3	..	4	..	...	2	1	6	5	1	3	2	3	2	..	..	1	2	1	...	1	2	2	...	3	4	2	3	42	..	127
...	..	1	..	1	..	...	...	...	...	...	..	...	1	1	..	..	..	...	..	1	...	...	1	..	...	...	...	...	...	7	..	128
...	..	...	1	2	..	...	...	...	...	...	..	...	...	1	..	..	..	...	1	...	...	...	1	..	...	2	2	1	2	8	..	129
27	10	45	4	148	15	28	29	30	31	48	19	26	60	55	33	31	14	34	16	87	45	36	36	14	25	85	62	68	131	504	..	
...	..	...	..	2	1	2	...	...	1	1	..	...	2	4	1	..	1	...	..	3	2	2	1	..	3	1	3	1	2	12	..	130
15	7	23	3	74	10	13	16	22	18	13	12	9	31	25	20	21	5	17	8	43	20	24	14	6	8	50	26	33	65	205	..	131
3	1	7	1	25	..	11	8	6	2	16	4	7	4	6	3	3	2	6	4	18	10	5	9	3	4	14	13	15	22	82	..	132
2	..	3	..	6	..	1	1	...	1	1	..	2	2	1	2	..	1	1	..	3	...	...	5	3	2	3	6	1	6	39	..	133
...	..	...	..	1	..	...	1	...	1	...	..	...	...	3	..	..	..	2	..	1	1	...	...	1	...	...	1	3	7	23	..	134
...	1	3	..	3	1	...	...	1	4	3	..	1	3	1	1	..	..	...	1	5	1	...	...	..	...	2	1	1	4	14	..	135
...	..	...	..	1	..	...	...	...	...	...	2	...	...	...	..	..	1	...	1	...	...	...	1	..	...	1	...	...	...	9	..	136

TABLE 42—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora	Kent	Lambton	Lanark
136A. Stricture of the urethra.	22	..	1	...	...	1	..	..	..	...	...	1	2	..	..	...	...	..	...	2	...	..	...	1	1
136B. Others under this title..	6	..	...	...	...	2	..	..	..	...	...	...	1	..	..	...	...	..	...	...	...	..	...	...	...
137. Diseases of the prostate..	479	1	7	14	5	27	1	4	1	5	6	15	9	1	1	11	2	1	1	6	14	..	15	6	3
138. Diseases of the male genital organs (not specified as venereal)..........	4	..	...	...	...	1	..	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	...	...	...
139. Diseases of the female genital organs (not specified as venereal)...	72	..	...	...	...	6	2	..	..	...	1	4	1	..	..	2	...	..	...	1	...	1	...	2	...
139A. Of the ovary, Fallopian tube and parametrium.	27	..	...	...	...	2	1	..	..	...	1	...	1	..	..	1	...	..	...	1	...	1	...	...	...
139B. Of the uterus..........	44	..	...	...	...	3	1	..	..	...	...	4	...	..	..	1	...	..	...	...	...	..	...	2	...
139D. Others under this title..	1	..	...	...	...	1	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE																									
Total...............	319	1	4	6	5	12	10	2	2	2	3	22	2	..	..	7	...	1	1	7	2	4	5	6	1
140. Abortion with septic conditions...............	35	..	1	...	...	...	1	..	..	...	1	5	1	..	..	...	...	..	...	...	...	..	...	...	...
140A. Abortion..............	24	..	1	...	...	...	1	..	..	...	1	4	1	..	..	...	...	..	...	...	...	..	...	...	...
140B. Self-induced abortion..	11	..	...	...	...	...	..	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	...	...	...
141. Abortion without mention of septic conditions (haemorrhage included).	10	..	...	...	...	...	..	..	..	...	1	...	...	..	..	...	...	..	...	...	...	1	...	1	...
141A. Abortion............	9	..	...	...	...	...	..	..	..	...	1	...	...	..	..	...	...	..	...	...	...	1	...	1	...
141B. Self-induced abortion...	1	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
142. Ectopic gestation.......	6	..	1	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
142B. Without mention of septic conditions.........	6	..	1	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
143. Other accidents of pregnancy (haemorrhage excluded)............	10	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	1	...
144. Puerperal haemorrhage..	36	..	...	...	...	3	..	..	1	1	...	2	1	..	..	...	...	..	...	1	...	..	...	1	...
144A. Placenta praevia.......	19	..	...	...	...	2	..	..	1	1	...	2	1	..	..	...	...	..	...	...	...	..	...	...	...
144B. Other haemorrhages....	17	..	...	...	...	1	..	..	..	...	...	...	...	..	..	...	...	..	...	1	...	..	...	1	...
145. Puerperal septicaemia (not specified as due to abortion)............	65	..	1	3	3	1	3	..	..	...	...	6	...	..	..	1	...	..	1	1	1	2	2	1	...
145A. Puerperal septicaemia and pyaemia............	65	..	1	3	3	1	3	..	..	...	...	6	...	..	..	1	...	..	1	1	1	2	2	1	...
146. Puerperal albuminuria and eclampsia.........	67	..	...	3	...	4	1	2	1	...	...	4	...	..	..	5	...	..	...	5	...	1	...	1	...
147. Other toxaemias of pregnancy...............	20	..	...	...	2	2	1	..	..	...	...	2	...	..	..	...	...	..	...	...	1	..	1	...	...
148. Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic)............	36	..	1	...	...	1	2	..	..	...	1	2	...	..	..	1	...	..	...	...	...	..	2	...	1
148A. Phlegmasia alba dolens and thrombosis........	9	..	...	...	...	1	1	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	1	...	...
148B. Embolism.............	22	..	1	...	...	...	1	..	..	...	1	1	...	..	..	1	...	..	...	...	...	..	1	...	1
148C. Sudden death.........	5	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
149. Other accidents of childbirth................	30	1	...	...	...	1	2	..	..	1	...	1	...	..	..	...	1	..	...	...	...	..	...	1	...
149A. Caesarean operation....	9	..	...	...	...	...	1	..	..	1	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
149B. Other surgical operations and instrumental delivery...............	4	..	...	...	...	...	..	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	...	1	...
149C. Dystocia..............	4	..	...	...	...	...	1	..	..	...	...	...	...	..	..	...	...	1	...	...	...	..	...	...	...
149D. Rupture of uterus in parturition.............	1	1	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
149E. Others under this title..	12	..	...	...	...	1	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
150. Other or unspecified condition of the puerperal state................	4	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
150B. Others under this title..	4	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE																									
Total...............	98	..	3	1	...	18	1	1	..	1	1	4	1	..	..	1	...	..	...	...	...	..	3	...	1
151. Carbuncle.............	24	..	1	1	...	6	1	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	1

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1937—Continued

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	District of Patricia	
...	..	...	..	1	..	...	...	...	...	...	1	...	...	...	..	..	1	...	1	...	...	...	...	..	...	1	...	...	...	8	..	136A
...	..	...	..	...	..	...	...	...	...	...	1	...	...	...	..	..	..	...	..	...	...	...	1	..	...	...	...	...	...	1	..	136B
5	1	7	..	33	3	...	3	1	4	13	1	7	15	15	5	7	3	8	2	11	11	5	4	..	5	11	10	12	21	100	..	137
...	..	...	..	1	..	1	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	....	..	138
2	..	2	..	2	..	...	...	...	...	1	..	...	3	...	1	..	1	...	..	3	...	...	2	1	3	3	2	2	4	20	..	139
1	..	2	..	1	..	...	...	...	...	1	..	...	...	...	1	..	..	...	..	...	...	...	...	1	...	...	...	...	1	11	..	139A
1	..	...	..	1	..	...	...	...	...	...	..	...	3	...	..	..	1	...	..	3	...	...	2	..	3	3	2	2	3	9	..	139B
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	....	..	139D
5	..	5	4	8	4	3	4	...	6	2	3	...	2	2	2	2	1	3	..	14	6	9	6	8	3	3	8	5	26	70	..	
1	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	2	1	...	3	1	...	...	2	...	5	11	..	140
1	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	2	1	...	3	..	...	...	2	...	2	5	..	140A
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	1	...	...	...	...	3	6	..	140B
...	..	1	..	...	..	...	1	...	1	...	1	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	1	...	...	2	..	141
...	..	1	..	...	..	...	1	...	1	...	1	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	1	...	...	1	..	141A
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	1	..	141B
...	..	...	..	...	1	...	...	...	1	...	..	...	...	...	..	..	..	...	..	1	...	1	...	..	...	...	...	...	...	1	..	142
...	..	...	..	...	1	...	...	...	1	...	..	..	...	...	..	..	..	...	..	1	...	1	...	..	...	...	...	...	...	1	..	142B
...	..	1	..	1	1	...	...	...	1	...	..	...	...	...	..	..	..	...	..	1	...	...	...	..	...	...	...	1	1	2	..	143
1	..	...	1	1	..	...	1	...	...	1	..	...	...	...	..	..	..	...	..	1	1	2	1	2	...	...	1	1	4	8	..	144
...	..	...	1	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	1	...	1	1	..	...	...	1	...	3	4	..	144A
1	..	...	..	1	..	...	1	...	...	1	..	...	...	...	..	..	..	...	..	...	1	1	...	2	...	...	...	1	1	4	..	144B
...	..	...	1	2	..	1	1	...	1	...	..	...	1	1	1	..	1	2	..	2	2	...	1	1	1	1	1	...	3	15	..	145
...	..	...	1	2	..	1	1	...	1	...	..	...	1	1	1	..	1	2	..	2	2	...	1	1	1	1	1	...	3	15	..	145A
1	..	1	2	2	1	1	1	...	...	1	1	...	...	1	..	2	..	1	..	2	...	1	1	2	1	2	1	2	2	11	..	146
...	..	...	..	...	..	1	...	...	...	...	..	...	...	...	..	..	..	...	..	2	1	1	...	1	...	...	...	1	2	2	..	147
1	..	1	..	2	1	...	...	...	1	...	..	...	...	...	1	..	..	...	..	3	...	3	...	..	...	...	1	...	5	6	..	148
...	..	...	..	1	..	...	...	...	...	...	..	...	...	...	1	..	..	...	..	...	...	1	...	..	...	...	...	...	1	1	..	148A
1	..	1	..	...	..	...	...	...	...	1	..	...	...	...	..	..	..	...	..	2	...	1	...	..	...	...	1	...	3	5	..	148B
...	..	...	..	1	1	...	...	...	...	...	..	...	...	...	..	..	..	...	..	1	...	1	...	..	...	...	...	...	1	....	..	148C
...	..	1	..	...	..	...	...	...	...	...	1	...	1	...	..	..	..	...	..	...	1	1	...	1	1	...	1	...	3	11	..	149
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	1	...	2	4	..	149A
...	..	1	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	1	..	149B
...	..	...	..	...	..	...	...	...	...	...	..	...	1	...	..	..	..	...	..	...	1	...	...	..	...	...	...	...	...	....	..	149C
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	....	..	149D
...	..	...	..	...	..	...	...	...	...	...	1	...	...	...	..	..	..	...	..	...	...	1	...	1	1	...	...	...	1	6	..	149E
1	..	...	..	...	..	...	...	...	1	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	1	1	..	150
1	..	...	..	...	..	...	...	...	1	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	1	1	..	150B
...	..	3	..	2	..	...	1	2	4	2	2	...	2	3	..	1	..	...	..	2	1	1	1	..	1	3	4	...	3	24	..	
...	..	...	..	...	..	...	...	...	2	...	1	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	2	...	2	7	..	151

TABLE 42—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora	Kent	Lambton	Lanark
152. Cellulitis, acute abscess..	54	..	1	...	...	10	..	1	..	1	1	4	1	..	..	1	...	..	...	...	...	..	2	...	...
153. Other diseases of the skin and annexa and of the cellular tissue.........	20	..	1	...	...	2	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	1	...	...
CLASS XIII.–DISEASES OF THE BONES AND ORGANS OF LOCOMOTION																									
Total................	111	..	1	2	2	11	1	1	..	...	1	3	...	..	1	1	...	..	...	2	5	..	1	1	3
154. Osteomyelitis...........	57	..	...	1	1	8	..	1	..	...	1	2	...	..	1	1	...	..	...	1	2	..	...	1	1
155. Other diseases of the bones (tuberculosis excepted).	25	..	...	1	1	2	..	..	..	...	...	...	...	..	..	...	...	..	...	...	2	..	...	...	2
156. Diseases of the joints and and other organs of locomotion...............	29	..	1	...	...	1	1	..	..	...	...	1	...	..	..	...	...	..	...	1	1	..	1	...	...
156A. Of the joints (tuberculosis and rheumatism excepted)............	15	..	1	...	...	1	..	..	..	...	...	...	...	..	..	...	...	..	...	...	1	..	1	...	...
156B. Of other organs of locomotion...............	14	..	...	...	...	...	1	..	..	...	...	1	...	..	..	...	...	..	...	1	...	..	...	...	...
CLASS XIV.—CONGENITAL MALFORMATIONS																									
Total...............	490	..	5	5	3	31	15	5	1	2	6	26	7	4	1	5	3	3	6	9	6	5	12	3	2
157. Congenital malformations (stillbirths excluded)...	490	..	5	5	3	31	15	5	1	2	6	26	7	4	1	5	3	3	6	9	6	5	12	3	2
157A. Congenital hydrocephalus..............	63	..	1	...	2	1	1	..	..	...	...	2	...	1	..	...	...	1	2	...	2	..	3	1	1
157B. Spina bifida and meningocele...............	130	..	...	2	...	9	3	3	..	...	2	6	4	1	..	2	1	2	2	...	...	1	2	1	...
157C. Congenital malformations of the heart......	180	..	3	3	1	12	7	..	1	1	4	11	1	1	..	3	1	..	1	8	3	4	4	...	...
157D. Monstrosities..........	9	..	...	...	...	...	..	1	..	...	...	1	...	..	..	...	...	..	...	...	...	..	...	...	...
157E. Others under this title..	108	..	1	...	...	9	4	1	..	1	...	6	2	1	1	...	1	..	1	1	1	..	3	1	1
CLASS XV.—DISEASES OF EARLY INFANCY																									
Total...............	1618	3	40	23	27	114	84	7	10	7	10	66	19	13	4	19	8	5	7	38	22	15	28	25	12
158. Congenital debility......	100	..	3	...	5	5	14	..	2	...	...	3	...	1	..	2	2	1	3	1	1	1	2	...	...
159. Premature birth........	1044	2	26	17	13	81	41	4	4	3	8	39	12	9	3	10	3	1	4	27	14	7	17	15	11
160. Injury at birth.........	259	1	6	5	6	17	15	2	1	3	1	18	4	2	1	6	1	2	...	6	6	5	3	4	...
160A. With mention of caesarean operation.........	3	..	...	...	...	...	..	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	...	...	...
160B. Without mention of caesarean operation.......	256	1	6	5	6	17	15	2	1	3	1	17	4	2	1	6	1	2	...	6	6	5	3	4	...
161. Other diseases peculiar to early infancy (under 3 months).............	215	..	5	1	3	11	14	1	3	1	1	6	3	1	..	1	2	1	...	4	1	2	6	6	1
161A. Atelectasis............	78	..	1	...	...	4	4	1	1	1	...	2	2	..	..	...	1	..	...	...	...	..	3	2	...
161B. Icterus of the new-born.	34	..	...	1	...	4	..	..	..	...	...	2	...	..	..	1	1	..	...	3	1	..	2	...	...
161C. Sclerema and oedema...	1	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
161D. Athrepsia.............	8	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	2	...
161E. Others, including lack of care.................	86	..	4	...	3	3	5	..	2	...	1	2	1	1	..	...	...	1	...	1	...	2	1	2	1
161F. No cause given, no doctor in attendance......	8	..	...	...	...	...	5	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
CLASS XVI.—SENILITY																									
Total...............	439	..	5	7	12	12	3	2	6	5	13	9	11	4	1	10	7	..	1	5	4	3	6	12	6
162. Senility................	439	..	5	7	12	12	3	2	6	5	13	9	11	4	1	10	7	..	1	5	4	3	6	12	6
162A. With senile dementia (70 years and over).......	158	..	1	...	3	3	..	1	1	1	2	...	8	..	1	8	...	..	...	1	1	..	1	5	5

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1937—Continued

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	District of Patricia	
...	..	3	..	2	..	...	...	1	2	1	..	...	...	1	..	1	..	...	..	1	1	1	...	..	1	2	1	...	...	14	..	152
...	..	...	..	...	..	...	1	1	...	1	1	...	2	2	..	..	..	...	..	1	...	...	1	..	...	1	1	...	1	3	..	153
...	1	1	..	5	1	...	2	1	1	...	1	...	2	2	..	..	..	1	..	4	...	3	2	..	...	3	2	3	6	35	..	
...	..	1	..	3	1	...	1	...	...	...	..	...	1	2	..	..	..	...	..	1	...	...	1	..	...	...	...	2	3	20	..	154
...	1	...	..	1	..	...	...	1	1	...	..	...	...	...	..	..	..	1	..	1	...	...	...	..	...	1	1	1	2	6	..	155
...	..	...	..	1	..	...	1	...	...	...	..	...	1	...	..	..	..	...	..	2	...	3	1	..	...	2	1	...	1	9	..	156
...	..	...	..	1	..	...	1	...	...	...	..	...	1	...	..	..	..	...	..	1	...	2	...	..	...	1	1	...	1	2	..	156A
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	1	...	1	1	..	...	1	...	...	...	7	..	156B
3	..	5	1	16	3	11	4	3	7	12	2	4	9	4	9	1	1	9	4	13	7	5	7	14	2	11	10	5	23	120	..	
3	..	5	1	16	3	11	4	3	7	12	2	4	9	4	9	1	1	9	4	13	7	5	7	14	2	11	10	5	23	120	..	157
...	..	...	..	1	1	2	1	...	1	2	1	...	1	1	1	..	..	...	1	2	2	...	...	1	1	3	1	...	5	17	..	157A
...	..	2	1	4	..	1	1	...	4	1	..	2	4	2	2	1	..	3	1	4	4	3	3	3	...	4	1	1	3	34	..	157B
2	..	3	..	8	2	4	1	2	1	6	1	1	2	1	3	..	1	3	2	4	...	1	2	4	...	2	4	2	9	40	..	157C
...	..	...	..	...	..	...	...	...	...	...	..	1	...	...	..	..	..	1	..	...	...	1	...	1	...	...	...	...	1	2	..	157D
1	..	...	..	3	..	4	1	1	1	3	..	...	2	...	3	..	..	2	..	3	1	...	2	5	1	2	4	2	5	27	..	157E
9	2	21	13	35	5	47	12	7	35	21	20	9	18	23	29	13	8	36	12	42	30	89	30	40	8	34	32	24	51	257	..	
...	..	...	2	1	..	5	...	1	2	1	4	2	...	3	7	1	..	2	..	1	1	7	1	1	...	...	2	2	2	6	..	158
8	2	16	5	25	4	32	9	4	27	16	12	6	11	14	10	5	6	22	6	34	19	61	19	30	7	22	22	12	34	173	..	159
...	..	4	3	2	1	2	2	...	5	2	2	1	5	3	7	5	2	8	2	4	5	11	2	7	1	7	3	4	8	36	..	160
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	1	...	1	....	..	160A
...	..	4	3	2	1	2	2	...	5	2	2	1	5	3	7	5	2	8	2	4	5	11	2	7	1	7	2	4	7	36	..	160B
1	..	1	3	7	..	8	1	2	1	2	2	...	2	3	5	2	..	4	4	3	5	10	8	2	...	5	5	6	7	42	..	161
1	..	...	..	4	..	4	...	1	...	2	1	...	1	...	..	1	..	2	1	2	3	4	3	..	...	3	2	1	4	16	..	161A
...	..	1	..	1	..	...	...	1	...	...	..	...	1	...	..	..	..	...	2	1	1	3	...	..	...	...	...	1	3	4	..	161B
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	1	..	161C
...	..	...	..	...	..	2	...	...	...	...	..	...	...	...	1	..	..	1	..	...	1	1	...	..	...	...	...	...	...	....	..	161D
...	..	...	3	2	..	2	1	...	1	...	1	...	...	3	4	1	..	...	1	...	...	2	3	2	...	2	3	4	...	21	..	161E
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	1	..	...	...	...	2	..	...	...	...	...	...	....	..	161F
13	2	13	..	23	2	3	8	2	14	10	5	3	13	16	3	3	3	7	3	13	8	6	6	2	3	8	4	9	24	66	..	
13	2	13	..	23	2	3	8	2	14	10	5	3	13	16	3	3	3	7	3	13	8	6	6	2	3	8	4	9	24	66	..	162
5	..	3	..	15	1	2	4	...	9	2	..	1	3	...	2	1	..	...	2	4	5	2	1	..	...	2	2	2	14	34	..	162A

TABLE 42—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora	Kent	Lambton	Lanark
162B. Without senile dementia (70 years and over)....	280	..	4	7	9	9	3	1	5	4	11	9	3	4	..	2	7	..	1	4	3	3	5	7	1
162C. Premature senility (55 years but under 70 years)	1	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS																									
Total................	2851	5	50	48	33	103	80	13	9	31	47	114	54	15	5	29	25	7	14	58	36	37	54	42	20
163–171. Suicides...........	366	..	6	3	5	8	11	..	..	2	4	15	3	..	..	4	2	1	1	4	5	2	3	3	1
163. Suicide by solid or liquid poisons or by absorption of corrosive substances.	71	..	1	1	2	2	2	..	..	1	...	1	2	..	..	...	...	..	...	1	...	..	...	1	...
164. Suicide by poisonous gas.	36	..	...	...	...	...	..	..	..	...	...	...	...	..	..	1	...	..	...	...	1	..	...	...	...
165. Suicide by hanging or strangulation.........	75	..	1	2	...	1	4	..	..	...	2	5	...	..	..	...	1	..	...	1	1	..	...	...	...
166. Suicide by drowning....	53	..	...	...	2	3	..	..	..	1	...	6	...	..	..	1	...	..	1	1	2	1	...	1	...
167. Suicide by firearms......	72	..	2	...	1	1	3	..	..	...	1	1	1	..	..	1	...	1	...	1	...	1	2	...	1
168. Suicide by cutting or piercing instruments.......	26	..	...	...	...	1	1	..	..	...	...	1	...	..	..	1	1	..	...	...	1	..	1	...	...
169. Suicide by jumping from high places...........	23	..	...	...	...	...	..	..	..	...	1	1	...	..	..	...	...	..	...	...	...	..	...	1	...
170. Suicide by crushing.....	3	..	1	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
171. Suicide by other means..	7	..	1	...	...	...	1	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
173–175. Homicides.........	51	..	2	1	...	1	1	2	..	...	1	3	...	..	..	...	...	..	1	...	...	..	...	2	...
173. Homicide by firearms....	16	..	2	...	...	...	1	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
174. Homicide by cutting or piercing instruments...	10	..	...	...	...	...	..	2	..	...	...	...	...	..	..	...	...	..	1	...	...	..	...	2	...
175. Homicide by other means	25	..	...	1	...	1	..	..	..	...	1	3	...	..	..	...	...	..	...	...	...	..	...	...	...
176–198. Other violent deaths.	2434	5	42	44	28	94	68	11	9	29	42	96	51	15	5	25	23	6	12	54	31	35	51	37	19
176. Attack by venomous animals..............	2	..	...	1	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
177. Food poisoning..........	2	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	1	...	...
178. Accidental absorption of toxic gases............	29	..	...	1	...	...	..	..	..	...	...	2	2	..	..	1	...	..	...	1	...	..	...	1	...
179. Other acute accidental poisonings (except by gas).................	32	..	...	2	...	1	3	..	..	...	...	1	1	1	..	2	...	..	...	...	...	..	...	...	1
180. Conflagration..........	41	..	1	...	...	1	1	..	..	...	1	1	1	1	..	...	...	1	...	...	1		3..	...	...
181. Accidental burns (conflagration excepted).......	103	..	4	1	1	6	3	..	2	...	2	4	1	..	..	1	3	1	...	2	...	..	6	1	1
182. Accidental mechanical suffocation...........	56	..	1	...	...	1	2	..	..	...	...	3	2	1	..	1	...	..	...	...	...	..	3	2	...
183. Accidental drowning....	305	1	14	5	1	9	21	..	..	2	13	18	4	1	1	4	3	2	1	10	...	9	8	2	5
184. Accidental injury by firearms................	28	..	2	...	...	1	3	..	..	...	...	1	2	..	..	...	...	1	...	2	...	..	...	...	...
185. Accidental injury by cutting or piercing instruments................	20	..	...	...	...	1	..	..	..	1	...	...	1	..	1	...	...	..	...	...	2	..	...	...	...
186. Accidental injury by fall, crushing or landslide...	1586	3	19	28	22	64	29	10	6	25	25	56	37	9	4	14	15	1	10	34	26	18	28	22	12
187. Cataclysm..............	1	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
188. Injuries by animals......	26	..	...	2	2	2	1	..	..	...	1	1	...	2	..	1	...	..	...	...	...	..	...	1	...
189. Hunger or thirst........	4	..	...	...	...	1	1	..	..	...	...	...	...	..	..	...	...	..	...	1	...	..	...	...	...
190. Excessive cold..........	10	..	...	...	...	...	1	..	..	...	...	...	...	..	..	1	1	..	...	1	...	1	...	1	...
191. Excessive heat..........	65	1	...	2	1	3	..	..	..	...	...	4	...	..	..	...	...	..	...	...	2	..	...	3	...
192. Lightning..............	8	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	1	...	1	...
193. Accidents due to electric currents..............	18	..	...	...	...	...	1	..	..	...	...	1	...	..	..	...	...	..	...	1	...	..	1	...	...
194. Other accidents.........	89	..	1	2	1	4	2	1	..	...	...	4	...	..	..	...	1	..	1	2	...	2	3	2	...
194A. Foreign body..........	9	..	...	...	...	1	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	1	...	...
194B. Others under this title..	80	..	1	2	1	3	2	1	..	...	...	4	...	..	..	...	1	..	1	2	...	2	2	2	...
195. Violent deaths of which the nature (accident, suicide, homicide) is unknown..............	8	..	...	...	...	...	..	..	1	1	...	...	...	..	..	...	...	..	...	...	...	..	1	1	...
198. Capital punishment.....	1	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1937—Continued

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	District of Patricia	
8	2	10	..	8	1	1	4	2	5	8	5	2	10	16	1	2	3	7	1	9	3	4	5	2	3	6	2	7	10	31	..	162B
...	..	...	..	...	..	...	...	...	...	...	.	..	..	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	1	..	162C
40	5	57	9	106	17	43	33	23	45	53	20	23	46	37	12	11	32	43	3	78	37	112	72	54	27	69	74	40	142	552	7	
4	..	7	2	11	1	2	6	5	7	9	5	5	6	7	..	..	3	6	..	5	4	12	14	8	3	10	8	9	17	107	..	163–171
...	..	...	1	2	..	...	2	2	2	...	1	1	2	1	..	..	..	1	..	...	1	3	4	6	...	3	2	4	1	18	..	163
1	..	1	..	1	..	...	...	...	...	...	..	...	...	1	..	..	..	...	..	...	...	1	...	..	1	...	1	...	1	26	..	164
1	..	1	..	4	..	1	1	...	4	2	..	2	1	...	..	..	..	3	..	2	1	1	5	1	...	5	...	1	4	17	..	165
1	..	2	1	1	..	...	1	...	...	2	..	...	1	2	..	..	..	1	..	2	2	1	...	..	1	1	4	3	2	6	..	166
...	..	...	..	2	1	...	2	2	1	4	3	2	2	2	..	..	2	1	..	1	...	5	3	..	1	...	...	1	6	14	..	167
...	..	...	..	...	..	...	...	1	...	1	..	...	...	1	..	..	1	...	..	...	...	...	1	1	...	1	1	...	3	8	..	168
...	..	2	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	1	..	...	...	...	...	...	17	..	169
1	..	...	..	...	1	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	...	..	
...	..	1	..	1	..	...	...	...	...	...	1	...	...	...	..	..	..	...	..	...	...	1	...	..	...	...	...	...	...	1	..	171
...	..	...	..	1	..	...	...	...	1	...	1	...	...	...	..	..	1	2	..	...	2	5	2	2	...	1	2	1	7	9	..	173–175
...	..	...	..	...	..	...	...	...	...	1	..	...	...	...	..	..	1	1	..	...	...	3	...	..	...	1	...	1	4	1	..	173
...	..	...	..	...	..	...	...	...	...	...	1	...	...	...	..	..	..	...	..	...	...	...	2	..	...	...	...	...	1	1	..	174
...	..	...	..	1	..	...	...	...	...	...	..	...	...	...	..	..	..	1	..	...	2	2	...	2	...	...	2	...	2	7	..	175
36	5	50	7	94	16	41	27	18	37	44	14	18	40	30	12	11	28	35	3	73	31	95	56	44	24	58	64	30	118	436	7	176–198
1	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	...	..	176
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	...	1	177
1	..	1	..	...	..	...	...	...	1	1	..	...	...	1	..	..	..	...	..	...	...	1	2	..	1	...	3	...	...	9	..	178
...	..	...	..	1	..	...	...	...	1	1	..	1	1	...	2	..	..	...	..	2	...	...	...	..	...	...	...	...	...	11	..	179
...	..	...	..	...	2	2	...	...	1	1	..	...	...	...	..	2	..	...	1	...	1	3	1	4	...	...	1	...	4	6	..	180
1	..	2	..	...	1	...	3	...	3	3	1	1	1	...	1	2	1	1	..	1	3	...	1	..	...	4	3	...	6	25	..	181
2	..	1	..	4	..	1	...	1	2	...	1	...	2	...	..	..	..	1	..	2	...	4	2	1	...	1	2	...	1	12	..	182
6	..	7	2	6	5	9	1	1	4	2	2	6	4	5	..	..	8	9	1	9	5	16	10	4	3	4	13	6	6	13	4	183
...	..	...	..	...	..	1	...	...	2	...	..	...	1	1	1	..	..	1	..	1	...	1	1	1	...	...	1	1	2	1	..	184
...	..	2	..	2	..	1	...	...	...	1	..	...	1	...	..	..	..	...	..	2	...	2	...	..	1	...	...	...	...	3	..	185
21	5	36	5	64	7	24	20	15	23	32	9	9	23	22	6	7	17	19	1	50	19	58	32	28	17	45	36	20	87	310	2	186
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	...	..	187
...	..	...	..	...	..	...	1	...	...	...	..	...	2	1	..	..	1	...	..	2	...	...	...	..	...	1	...	1	...	4	..	188
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	1	..	..	...	..	...	...	...	...	..	...	...	...	...	...	...	..	189
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	1	...	..	...	...	...	...	1	...	...	...	...	1	1	..	190
...	..	...	..	12	1	...	...	...	...	...	..	...	...	...	1	..	..	2	..	1	...	...	...	2	1	1	2	...	5	21	..	191
...	..	...	..	...	..	...	...	...	...	1	..	...	2	...	..	..	..	...	..	...	...	...	...	..	...	...	1	...	...	2	..	192
...	..	1	..	2	..	...	...	...	...	1	..	...	...	...	..	..	..	...	..	...	3	1	2	..	...	1	...	...	1	2	..	193
3	..	...	..	3	..	3	2	1	...	1	1	1	3	...	..	..	..	2	..	3	...	9	4	3	1	...	2	2	5	14	..	194
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	1	...	2	...	..	...	...	1	...	...	3	..	194A
3	..	...	..	3	..	3	2	1	...	1	1	1	3	...	..	..	..	2	..	2	...	7	4	3	1	...	1	2	5	11	..	194B
1	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	..	...	...	1	...	...	2	..	195
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	1	..	...	...	...	...	...	...	..	198

TABLE 42—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora	Kent	Lambton	Lanark
CLASS XVIII.—ILL-DEFINED CAUSES OF DEATH																									
Total	63	..	...	...	...	2	18	..	1	1	...	1	...	1	1	1	2	..	...	1	...	..	1	1	1
199. Sudden death	25	..	...	...	...	...	..	..	1	1	...	...	...	..	1	1	2	..	...	1	...	..	1	1	1
200. Cause of death not specified or ill-defined	38	..	...	...	...	2	18	..	..	...	...	1	...	1	..	...	...	..	...	...	...	..	...	...	...

SPECIAL CLASSES OF

(Included also under the numbers

Counties of Ontario (including cities, towns

IN THE PROVINCE OF

	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora	Kent	Lambton	Lanark
A. Accidents in mines and quarries	40	..	1	...	...	...	11	..	..	...	...	...	...	..	..	...	...	..	...	1	...	7	...	...	...
B. Accidents caused by machines	55	..	3	1	3	3	..	..	..	2	...	...	1	..	..	...	2	1	...	1	2	1	...	...	...
C. Railway accidents	93	..	3	1	...	2	4	..	..	...	2	3	2	1	..	...	1	..	...	2	...	9	...	...	2
D. Street-car accidents	10	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
E. Automobile and motorcycle accidents	774	1	5	13	7	36	10	6	2	9	12	42	22	6	1	5	8	1	7	16	10	1	22	14	5
F. Other land transportation	36	1	1	...	...	1	..	..	..	1	1	1	...	..	..	...	...	..	...	1	1	..	1	...	...
G. Water transportation	70	..	5	...	...	1	7	..	..	...	...	3	...	..	1	2	...	..	...	1	...	4	2	...	1
H. Air transportation	15	..	...	...	...	1	..	..	1	...	...	3	...	..	..	...	...	..	...	4	...	..	...	...	...

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1937—Continued

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	District of Patricia	
...	..	...	..	4	..	...	...	1	...	...	1	...	1	1	1	1	1	2	..	3	1	2	4	..	1	...	...	2	2	3	..	
...	..	...	..	1	..	...	...	1	...	...	..	...	...	1	..	1	1	2	..	2	...	...	1	..	1	...	...	2	1	1	..	199
...	..	...	..	3	..	...	...	...	...	...	1	...	1	...	1	..	..	...	..	1	1	2	3	..	...	...	...	...	1	2	..	200

ACCIDENTAL DEATHS

of the International List above)

and villages of 5,000 and over), 1937

Ontario, 1937

...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	6	3	8	...	...	...	...	...	1	2	A
...	..	...	..	...	..	1	1	...	...	...	2	...	...	...	..	1	2	...	..	2	1	3	...	4	1	4	1	1	1	10	..	B
...	..	1	..	...	1	3	1	...	2	4	..	...	...	...	..	..	4	...	1	2	...	12	11	..	1	...	5	...	3	10	..	C
...	..	...	..	1	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	2	...	..	...	2	...	...	...	5	..	D
9	1	28	1	33	3	12	12	8	13	17	1	5	6	8	3	5	5	6	..	18	10	28	15	14	4	25	18	8	48	149	..	E
...	..	...	..	2	..	4	..	1	1	1	1	...	...	...	..	1	3	1	..	2	2	...	...	1	...	...	1	...	1	3	2	F
1	..	1	1	3	1	2	1	...	1	...	1	1	2	...	..	.	6	3	1	2	4	3	4	1	...	1	1	...	2	....	..	G
1	..	...	..	1	..	...	...	...	...	...	..	...	3	...	..	..	..	...	..	...	...	...	...	..	...	...	...	...	...	1	..	H

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